

Buyers Guide for Electric and Plug-in Hybrid Cars

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Images on the frontpage;

Peter Kardin from Samhall AB with their electric car in Östersund, one of the first Renault Kangoo cars in Sweden.

The result of a smart charging project by Jämtkraft, ABB and Charge Storm at Jämtkraft headquarters in Östersund.

Per Lundqvist and Timo Pietilä with a Mercedes Vito, one of the electric cars that Post Nord is testing in the Östersund area.

Welcome to the revised 2012 Global Guide to Electric and Plug-in-Hybrid Cars!

This Buyers Guide is published by SÖT – a cooperation between the cities Sundsvall (Sweden), Östersund (Sweden) and Trondheim (Norway). The purpose of the SÖT project is to strengthen the three cities and the region through cooperation in infrastructure, sustainable communications, knowledge and competence as well as in culture and tourism.

Correct and independent information about electric and plug-in hybrid cars on the market is an important part of the infrastructure and sustainable communications section of the SÖT project.

The SÖT cities present the Buyers Guide 2012 for Electric and Plug-In Hybrid Car in cooperation with the power companies Jämtkraft, Sundsvall Energi, Trondheim Energi and Trønder Energi. This guide gives an overview of most models available for the model year 2012 and models that are expected to be available within the next year. The guide contains prices, range per charge, charging times, battery types, information about safety, links to further information and much more.

The purpose of the guide is to be a reference for cities, private and public organizations and consumers that consider purchasing electric or plug-in hybrids, or just want to know more about the market. This is the seventh edition of the guide, and the sixth published in English. It is updated and more complete compared to the previous edition published in September 2011, with more than fifty new or changed models and several hundred new or revised technical data. This version contains around 200 different models including several plug-in hybrid cars, all divided into different types of vehicles. For specific information about the Swedish and Norwegian market, please see the Swedish edition.

The market for electric cars and plug-in-hybrids is developing very quickly, and every effort has been made to make this guide as complete as possible. Nevertheless we have obviously missed models and technical data. We would highly appreciate all information about errors in the guide, as well as information about missing models.

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The buyers guide is written by Mattias Goldmann, for the SÖT project. The SÖT project would like to thank Mattias and Eva for an excellent job with the overview!

Remarks

This guide focuses on models that are on the market 2012 or are expected to be on the market within a year. In this, we include cars that are leased to customers, but not those that are only used by the car company internally. Pure concept cars, prototypes and cars that have a projected market introduction more than one year ahead are not included either. The guide only includes battery powered and plug-in hybrid cars. Hybrid cars that cannot be charged from the grid, such as the Toyota Prius, are not included.

The guide is divided into Passenger Vehicles, Light Passenger Vehicles, Cargo Vehicles and Light Cargo Vehicles. Two-wheeled vehicles like scooters and motorcycles are excluded.

If no information has been available, it is marked with "-". This doesn't mean that the car doesn't have the feature (for example cargo space). Range etc. are converted, but because no standard exists for the range for electric cars, a direct comparison can be difficult. The range also differs significantly with different driving pattern and with the speed. The range will be shorter at highway speed, as well as with city driving with many stops and accelerations. The numbers should therefore be considered as estimations.

Charging times

The charging times given are based on a current of 16 ampere, 230 volts, 1-phase, which is commonly available on most European markets. Where the charging time is based on other currents or voltages, this is indicated.

Most vehicles have an on-board charger that can be connected to a normal household outlet. Fast chargers are usually too large to fit inside the vehicle and are normally not included in the price of the car. Some small cars may have a separate charger.

We have strived for directly comparable and complete information on charging times, for 1-phase and 3-phase charging, from an empty battery to 80 and 100 % of the full capacity. However, far from all manufacturers have been willing or able to supply us with information in this manner. Where charging times are calculated in different ways, this is clearly indicated. Unfortunately, we are less than certain that all charging times given from the manufacturers are correct.

Range

Where an officially recognized standard for the range is used, this is indicated, with preference to the EEC system. When the manufacturer has in other ways indicated how the range has been calculated, this is also mentioned. Often, however, no indication on how the range has been calculated has been given by the manufacturer. All manufacturers have been contacted with a request for more transparency on how their range figures are calculated, but with limited result.

This implies that a direct comparison between different models is hard in this area. The range also varies significantly with different driving patterns, with the speed and with outside temperature. An electric car has a shorter range in motorway speed than in urban usage, and low temperatures may decrease the range by up to 40 percent. The range figures should thus be seen as indicative only.

Safety

We have strived to give safety information based on the official results from Euro-NCAP:s crash tests and evaluations, but most manufacturers have not had their vehicles tested in this way. Where other safety tests have been performed, this information is specified.

A number of the cars converted from diesel/petrol to electric drive claim to have ABS brakes, airbags, traction control etc, but it isn't given that all these features work in the converted car. We highly recommend you to ask the converter/manufacture before purchase or leasing.

Price

All prices are listed as given on the market, except where otherwise stated. Since currencies fluctuate, the prices are given in the original currency and should be converted at the time of interest.

All prices are inclusive of batteries, include VAT, exclusive of freight, customs etc, except where indicated. Local or national reductions and rebates available for electric vehicles have not been taken into account. All prices are indicative and may differ from the final price offered from the manufacturer or importer.

Further reading

To facilitate impartial comparisons, we have whenever possible included external, producer neutral links to articles with further information on the vehicle.

Abbreviations

To ensure easy reading, we have strived to minimize the abbreviations, mainly using such that are well-known to those interested in vehicles and energy.

OEM is Original Equipment Manufacturer, while “OEM battery vehicle” means that the vehicle was designed and manufactured as a battery vehicle, it is not a conversion.

kW is Kilowatt. 1 kW equals 1.36 horsepower in Europe, 1.34 horsepower In the USA.

NiMH is Nickel-Metal-Hybride battery.

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Electric vehicles

1.1 Passenger vehicles

Allied



| | |
|------------------------------------|--|
| Model: | eExpert Teepee |
| Vehicle class: | Light truck, converted from diesel |
| Country of manufacture: | Great Britain/France |
| Produced from: | 2010 |
| Price: | GBP 45 550 (also leasing) |
| Seating capacity: | 8 |
| Size: | L 513 cm, W 219 cm, H 198 cm |
| Weight: | 2 932 kgs |
| Cargo volume: | - |
| Permitted load: | 580 kgs |
| Battery type: | Lithium |
| Battery capacity: | 43 kWh |
| Drive system power: | 60 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | - |
| Range: | 160 kms |
| Top speed: | Ca 110 km/h |
| Safety: | Airbag on driver's side and anti-lock brakes standard, traction control system not available. |
| Remarks: | Also as vehicle for Persons With Disabilities. Glasgow City Council ordered 30 ePartners and 10 eExpert. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/09/23/an-interview-with-allied-electric/ http://ecbg.eta.co.uk/vehicle/peugeot-eexpert |
| Official website: | http://www.alliedelectric.co.uk/ |
| Contact information: | Allied Vehicles Ltd, 230 Balmore Road, Glasgow, Scotland, G22 6LJ, tel + 44 (0) 141 336 1683, info@alliedelectric.co.uk |

AMP



| | |
|------------------------------------|--|
| Model: | AMP All-electric Jeep Grand Cherokee |
| Vehicle class: | Petrol car converted to EV |
| Country of manufacture: | USA |
| Produced from: | 2012 |
| Price: | RWD USD 57 900, 4WD USD 59 400, 4WD MLE USD 79 500 |
| Seating capacity: | 5 |
| Size: | As Jeep Grand Cherokee |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium-iron-phosphate |
| Battery capacity: | 37 kWh |
| Drive system power: | 152 kW, MLE 164 kW |
| Charging time: | 5 h at 220 V, 8-10 h at 110 V |
| Charging time, fast charge: | 2 h |
| Range: | 130-160 km |
| Top speed: | 153 km/h |
| Safety: | Not tested by Euro NCAP. twin airbags in front. Anti-lock brakes, traction control system not available. |
| Remarks: | Two electric motors in the rear, rear-wheel drive or 4WD. Same passenger room as base car. Also converts Mercedes ML. Available in the US from late 2012. |
| More information: | http://reviews.cnet.com/8301-31229_7-57349376-257/amp-to-bring-jeep-grand-cherokee-ev-to-detroit-auto-show/ http://green.autoblog.com/2012/01/09/amp-announces-57-400-price-first-dealer-for-jeep-grand-cherokee/ |
| Official website: | www.ampelectricvehicles.com |
| Contact information: | AMP, 100 Commerce Drive, Loveland, OH 45140, USA martin.rucidlo@ampelectricvehicles.com , +1-513-310-3460 |

Atomik



| | |
|------------------------------------|---|
| Model: | 500 |
| Vehicle class: | Passenger vehicle, converted from petrol/diesel |
| Country of manufacture: | France/Italy |
| Produced from: | 2010 |
| Price: | € 120 000 |
| Seating capacity: | 4 |
| Size: | L 360 cm, W 182 cm, H 146 cm |
| Weight: | 1400 kgs |
| Cargo volume: | 200 L |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 37 kWh |
| Drive system power: | 220 kW (110 kW front, 110 kW back) |
| Charging time: | 12 h |
| Charging time, fast charge: | 2 h (400 V) |
| Range: | 160 kms |
| Top speed: | 180 km/h (electronically limited, otherwise 200 km/h) |
| Safety: | Base car has five stars in Euro NCAP. Twin airbags in front and traction control system standard. |
| Remarks: | Based on Fiat 500 Abarth. Four-wheel-drive, one electric motor front and one in rear. 50 to be built. |
| More information: | http://www.autoexpress.co.uk/carreviews/firstdrives/254860/atomik_500.html http://www.carthusiast.com/news/article/4872/-/2010-Atomik-500/electric+Fiat+500+boasts+supercar+acceleration.html http://www.teknikensvarld.se/nyheter/100316-atomik-500/index.xml |
| Official website: | http://www.atomik-cars.com/ |
| Contact information: | contact@atomik-cars.com |

Baoya



| | |
|------------------------------------|---|
| Model: | BY-E-CAR-02 |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | China |
| Produced from: | 2009 |
| Price: | USD 7 380, larger battery and motor USD 8250, larger motor and Lithium battery USD 12 250 |
| Seating capacity: | 2 |
| Size: | L 319 cm, W 167 cm, H 153 cm |
| Weight: | 750 kgs without batteries (280/400 kgs, Lithium 68 kgs) |
| Cargo volume: | |
| Permitted load: | - |
| Battery type: | Lead (maintenance free), Lithium as optional |
| Battery capacity: | 190 AH, 72 V, optional 120 V |
| Drive system power: | 5.5 kW DC, optional 8.5 kW AC |
| Charging time: | 8-12 h 1-phase, 18 A 230 V |
| Charging time, fast charge: | - |
| Range: | 120 km, larger batteries 160 km, Lithium 260 km |
| Top speed: | 65 km/h, with Lithium batteries 105 km/h |
| Safety: | Anti-lock brakes optional (USD 380), airbag driver's side optional (USD 650) |
| Remarks: | Electric consumption 0,07 kWh/km |
| More information: | http://www.baoya-ev.com/Products/show.asp?i=77 |
| Official website: | www.baoya-ev.com |
| Contact information: | Shandong Baoya New Energy Vehicle Co., Ltd, evehicle@yahoo.cn |

Baoya



| | |
|------------------------------------|--|
| Model: | BY-E-CAR-05 |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | China |
| Produced from: | 2009 |
| Price: | USD 14 990 , Lithium battery USD 21 090 |
| Seating capacity: | 5 |
| Size: | L 441 cm, W 177 cm, H 164 cm |
| Weight: | 1420 kgs without batteries (450 kgs, Lithium 165 kgs) |
| Cargo volume: | |
| Permitted load: | - |
| Battery type: | Lead (maintenance free), Lithium as optional |
| Battery capacity: | 190 AH, 72 V, optional 120 V |
| Drive system power: | 20 kW AC, 144V |
| Charging time: | 8-12 h 1-phase, 18 A 230 V |
| Charging time, fast charge: | - |
| Range: | 190 km |
| Top speed: | 110-120 km/h |
| Safety: | Anti-lock brakes optional (USD 420), airbag driver's side optional (USD 860) |
| Remarks: | Batteries guaranteed for 800 deep charges. |
| More information: | http://www.baoya-ev.com/Products/show.asp?i=76 |
| Official website: | www.baoya-ev.com |
| Contact information: | Shandong Baoya New Energy Vehicle Co., Ltd, evehicle@yahoo.cn ; sdbaoya@126.com |

Baoya



| | |
|------------------------------------|--|
| Model: | BY-E-CAR 08 (HL9A) |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | China |
| Produced from: | 2009 |
| Price: | USD 8 450, Lithium batteries USD 15 100 |
| Seating capacity: | 5 |
| Size: | L 362 cm, W 156 cm, H 153 cm |
| Weight: | 1 080 kgs (out of which batteries 290 kgs) |
| Cargo volume: | |
| Permitted load: | - |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | 100 AH, 120 V |
| Drive system power: | 8.5 kW AC, 120 V |
| Charging time: | 8-10 h 1-phase, 18 A 230 V |
| Charging time, fast charge: | - |
| Range: | 160 km |
| Top speed: | 110 km/h |
| Safety: | Anti-lock brakes optional (USD 380), airbag driver's side optional (USD650) |
| Remarks: | Lead batteries guaranteed for 3 years or 500 charges. |
| More information: | http://www.baoya-ev.com/Products/show.asp?i=44 |
| Official website: | www.baoya-ev.com |
| Contact information: | Shandong Baoya New Energy Vehicle Co., Ltd, evehicle@yahoo.cn; sdbaoya@126.com |

Baoya



| | |
|------------------------------------|---|
| Model: | BY-E-CAR 09 (HM9A) |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | China |
| Produced from: | 2009 |
| Price: | USD 8 250 |
| Seating capacity: | 8 |
| Size: | L 395 cm, W 150 cm, H 180 cm |
| Weight: | 1 142 kgs (out of which batteries 420 kgs) |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | 100 AH, 120 V |
| Drive system power: | 8.5 kW AC, 120 V |
| Charging time: | 8-10 h 1-phase, 18 A 230 V |
| Charging time, fast charge: | - |
| Range: | 180 kms in 45 km/h |
| Top speed: | 75-85 km/h |
| Safety: | Anti-lock brakes standard, airbags not available. |
| Remarks: | Lead batteries guaranteed for 3 years or 500 charges. |
| More information: | http://www.baoya-ev.com/Products/show.asp?i=43 |
| Official website: | www.baoya-ev.com |
| Contact information: | Shandong Baoya New Energy Vehicle Co., Ltd, evvehicle@yahoo.cn ; sdbaoya@126.com |

Bavina



| | |
|------------------------------------|--|
| Model: | Bavina |
| Vehicle class: | Factory built electric vehicle |
| Country of manufacture: | India |
| Produced from: | 2011 |
| Price: | - |
| Seating capacity: | 4 |
| Size: | L 360 cm, W 150 cm, H 160 cm |
| Weight: | 1050 kgs |
| Cargo volume: | - |
| Permitted load: | 380 kgs |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | 72 V 135 Ah |
| Drive system power: | 4 kW (9 kW peak), DC |
| Charging time: | 6-7 h (230 V, 16 A) |
| Charging time, fast charge: | |
| Range: | 130 kms |
| Top speed: | 65 km/h |
| Safety: | Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | Prototype, production uncertain. Larger and stronger model planned. |
| More information: | |
| Official website: | www.bavinacars.com |
| Contact information: | Bavina Cars India Ltd, Old No.43, New No.115, 1st Floor, Justice V. Ramaswami Road, Kamaraj Avenue, Adyar, Chennai-600 020. TamilNadu. India. Tel +91-44-4350 4608, enquiry@bavinacars.com |

Bolloré



| | |
|------------------------------------|--|
| Model: | Blue Car |
| Vehicle class: | Passenger vehicle, factory built EV. |
| Country of manufacture: | France |
| Produced from: | 2011 |
| Price: | - |
| Seating capacity: | 4 |
| Size: | L 365 cm, W 172 cm, H 161 cm |
| Weight: | 1 120 kgs |
| Cargo volume: | 350 L |
| Permitted load: | 300 kgs |
| Battery type: | Lithium-Polymer |
| Battery capacity: | 30 kWh, 410 V |
| Drive system power: | 35 kW |
| Charging time: | 3-4 h |
| Charging time, fast charge: | - |
| Range: | 150-250 km |
| Top speed: | 130 km/h (limited) |
| Safety: | Not crash tested by Euro NCAP or similar. Airbags and antilock brakes standard. |
| Remarks: | Leasing for €500/month, mass production delayed due to Pininfarina take over. Used in the Paris Autolib car scheme. |
| More information: | www.vk.se/Article.jsp?article=405344 www.auto-future.blogspot.com/2008/10/ev-future-pininfarina-b-zero.html www.fashionfunky.com/2008/10/pininfarina_electric_car_b_zer.php |
| Official website: | www.bluecar.fr |
| Contact information: | Véhicules Électriques Pininfarina Bolloré, Tour Bolloré, 31-32, quai de Dion-Bouton, F-928 11 Puteaux cedex, tel +33-1 46 96 17 04, fax +33-1 46 96 17 05, vepb@bolloré.net |

BYD



| | |
|------------------------------------|---|
| Model: | F3DM |
| Vehicle class: | Passenger vehicle, factory built plug-in hybrid |
| Country of manufacture: | China |
| Produced from: | 2009 |
| Price: | 149 800 Yuan in China , USD 22 000 for export |
| Seating capacity: | 5 |
| Size: | L 453 cm, W 171 cm, H 149 cm |
| Weight: | 1 560 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium-iron-phosphates |
| Battery capacity: | 25 kWh |
| Drive system power: | 50 kW |
| Charging time: | 7 h |
| Charging time, fast charge: | 3 h with special charger. 50 % charge on 10 minutes |
| Range: | 60 kms on electricity (460 kms on petrol). 16 kWh/100 km |
| Top speed: | 150 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Sold in China from July 2009, from March 2010 to private customers. Earlier information about sales in Israel, USA and Europe from 2011 seem uncertain, production may be halted. Partly owned by American MidAmerican Energy. Base car BYD F3 was Chinas's best selling car in 2008. |
| More information: | http://www.newzglobe.com/sv/node/17040www.cleantech.com/news/3983/Chinas-byd-sells-first-mass-produced-plug-cars http://www.thegreencarwebsite.co.uk/blog/index.php/2011/05/01/byd-reveals-plug-in-testing-results/ http://www.automotiveworld.com/news/environment/85102-us-byd-to-suply-50-e6-models-to-california |
| Official website: | www.byd.com |
| Contact information: | Byd Auto Export Trade Division,3001, Hengping Road, Pingshan, Longgang, Shenzhen 518118, China, tel +86-755 8988 8888, fax +86-755 8988 8888 64775, bydautoservice@byd.com |

BYD



| | |
|------------------------------------|--|
| Model: | e6 ECO |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | In China under Yuan 300 000, in the USUSD 40 000 |
| Seating capacity: | 5 |
| Size: | L 455 cm, W 182 cm, H 163 cm |
| Weight: | 2 295 kgs |
| Cargo volume: | 385 L |
| Permitted load: | - |
| Battery type: | Lithium-iron-phosphates |
| Battery capacity: | 48 or 72 kWh |
| Drive system power: | 75 kW (future models: 75+40 kW, 160 kW and 160+40 kW) |
| Charging time: | 7 h |
| Charging time, fast charge: | 3 h with special charger. 50 % charge in 10 minutes |
| Range: | 320 km, 21,5 kWh/100 km |
| Top speed: | 140 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Four-wheel-drive optional (one motor for each wheel). Partially owned by American MidAmerican Energy. BYD used to be a battery company and still has own battery technology. Expected to be launched on some European markets. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2011/02/19/byd-to-introduce-electric-vehicles-to-europe/ http://www.gizmag.com/byd-target-us-launch-for-electric-cars-in-2011/10766/ |
| Official website: | www.byd.com |
| Contact information: | Byd Auto Export Trade Division, 3001, Hengping Road, Pingshan, Longgang, Shenzhen 518118, China, tel +86-755 8988 8888, fax +86-755 8988 8888 64775, bydautoservice@byd.com |

Catic



| | |
|------------------------------------|--|
| Model: | Pricius 8050 |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | |
| Seating capacity: | 5 |
| Size: | L 406 cm, W 187 cm, H 140 cm |
| Weight: | 950 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | 120 V 100 Ah |
| Drive system power: | 4 kW |
| Charging time: | 7 h (230 V, 16 A) |
| Charging time, fast charge: | |
| Range: | 100-150 kms |
| Top speed: | 60 km/h (depending on national specifications) |
| Safety: | Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | Not approved for EEC. |
| More information: | |
| Official website: | www.caticge.com |
| Contact information: | Catic Shenzhen Co, 22/F, Hangdu Plaza, CATIC Zone, Shennan Road Central, Shenzhen, China, +86 755 8379 3576, fax +86 755 8379 0472sales@catic-co.com |

Catic



| | |
|------------------------------------|--|
| Model: | Pricius 7050 |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | - |
| Seating capacity: | 4 |
| Size: | L 386 cm, W 168 cm, H 150 cm |
| Weight: | 1050 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | 120 V 120 Ah |
| Drive system power: | 5 kW |
| Charging time: | 7 h (230 V, 16 A) |
| Charging time, fast charge: | |
| Range: | 100-150 kms |
| Top speed: | 60 km/h (depending on national specifications) |
| Safety: | Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | Not approved for the EEC. |
| More information: | |
| Official website: | www.caticge.com |
| Contact information: | Catic Shenzhen Co, 22/F, Hangdu Plaza, CATIC Zone, Shennan Road Central, Shenzhen, China, +86 755 8379 3576, fax +86 755 8379 0472sales@catic-co.com |

Chevrolet



| | |
|------------------------------------|---|
| Model: | Cruze EV |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | South Korea |
| Produced from: | October 2010 |
| Price: | |
| Seating capacity: | 5 |
| Size: | L 446 cm, W 175 cm, H 149 cm |
| Weight: | - |
| Cargo volume: | Around 400 L (same as petrol model) |
| Permitted load: | kg |
| Battery type: | Lithium |
| Battery capacity: | 31 kWh |
| Drive system power: | 150 kW peak |
| Charging time: | 8-10 h (230 V, 16 A) |
| Charging time, fast charge: | Not available |
| Range: | Ca 150 kms |
| Top speed: | 165 km/h |
| Safety: | Airbags, anti-lock brakes, traction control system standard. |
| Remarks: | Only leasing, only Korea. Batteries from LG. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/09/21/general-motors-to-extend-electric-vehicle-project/ |
| Official website: | www.chevrolet.com |
| Contact information: | |

Chevrolet



| | |
|------------------------------------|--|
| Model: | Volt |
| Vehicle class: | Passenger vehicle, factory built plug-in hybrid |
| Country of manufacture: | USA |
| Produced from: | 2010 |
| Price: | € 41 900 in Europe, USD 39 995 in USA |
| Cargo volume: | 320 L |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 16 kWh |
| Drive system power: | 110 kW (53 kW for petrol engine) |
| Charging time: | 3 h |
| Charging time, fast charge: | - |
| Range: | 60 kms on electricity from the battery |
| Top speed: | 161 km/h |
| Safety: | Five stars in Euro NCAP. Airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Series hybrid with combustion engine for petrol, charges the batteries, doesn't power the wheels. Sold in several European markets, others only receive the similar Opel/Vauxhall Ampera (see this). Batteries guaranteed 8 years/160 000 km. |
| More information: | http://www.automotiveworld.com/news/environment/87668-us-gm-cuts-2012-volt-price-by-over-us-1-000 http://www.automotiveworld.com/news/environment/88532-germany-uk-europe-allocated-10-000-amperas-for-2012 |
| Official website: | www.opel-ampera.com |
| Contact information: | Chevrolet Europe, Stelzenstrasse 4, CH-8152 Glattbrugg/Zürich, Switzerland, tel +41 44828 2900, hanspeter.ryser@ch.gm.com , florence.camenzind@ch.gm.com |

Citroën



| | |
|------------------------------------|---|
| Model: | C-Zero |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | France |
| Produced from: | October 2010 |
| Price: | Around € 35 000 |
| Seating capacity: | 4 |
| Size: | L 348 cm, W 148 cm, H 161 cm |
| Weight: | 1 120 kgs |
| Cargo volume: | 166 L |
| Permitted load: | 330 kgs |
| Battery type: | Lithium |
| Battery capacity: | 16 kWh |
| Drive system power: | 47 kW |
| Charging time: | 8 h (16 A, 220 V) |
| Charging time, fast charge: | 80 % in 30 min at 400 V, 125 A |
| Range: | 150 kms (EU test cycle) |
| Top speed: | 130 km/h |
| Safety: | Four stars in Euro NCAP. Six airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Shares technology with Mitsubishi iMiEV and Peugeot iOn (see these). 2 years new car warranty, 3 years assistance, 5 years/50 000 km battery warranty |
| More information: | http://www.eurocarblog.com/post/2749/citroen-c-zero-electric-city-car-environment-vs-luxury-yachts www.gronabilister.se/czero |
| Official website: | www.c-zero.citroen.com ; http://www.electric.citroen.com/#/se/home http://www.citroen.no/home/#/citroen-c-zero/ |
| Contact information: | Citroën Sweden, 163 88 Spånga, kent.asplind@citroen.com, 08-474 53 32, 070-575 10 32 Citroën Norge AS, Postboks 165, 1325 Lysaker, Norge, 067-18 80 99 |

Citysax



| | |
|------------------------------------|--|
| Model: | Citysax |
| Vehicle class: | Passenger vehicle, converted from petrol |
| Country of manufacture: | Germany/India |
| Produced from: | 2009 |
| Price: | € 29 900 excl VAT |
| Seating capacity: | 4 |
| Size: | L 350 cm, W 149 cm, H 150 cm |
| Weight: | 986 kgs |
| Cargo volume: | - |
| Permitted load: | 265 kgs |
| Battery type: | Lithium-iron-phosphates |
| Battery capacity: | 13 kWh |
| Drive system power: | 16 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | 2 h |
| Range: | 60-120 kms |
| Top speed: | 130 km/h |
| Safety: | Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | |
| More information: | http://www.google.com/url?sa=t&source=web&cd=3&ved=0CCgQtwlwAg&url=http%3A%2F%2Fwww.youtube.com%2Fwatch%3Fv%3DCSmgeZZs_s0&ei=HanyTcC7MYH0-gb0we3IBg&usg=AFQjCNEYm5sYu76SIQdA3tWW5z2eLFoZuA http://www.elvec.de/pkw-transporter/citysax.php |
| Official website: | www.citysax.de |
| Contact information: | CITYSAX Mobility GmbH, Am Promigberg 1, D-01108 Dresden, Germany, tel +49 351 88 34 308, fax +49 351 88 34 309, info@citysax.com |

Coda



| | |
|------------------------------------|---|
| Model: | Coda |
| Vehicle class: | Passenger vehicle, converted from petrol |
| Country of manufacture: | China/USA |
| Produced from: | Autumn 2011 |
| Price: | USD 37 250, USD 39 900 with larger battery |
| Seating capacity: | 4 |
| Size: | L 410 cm, W 183 cm, H 149 cm |
| Weight: | 1 650 kgs |
| Cargo volume: | 415 L |
| Permitted load: | - |
| Battery type: | Lithium-iron-phosphates |
| Battery capacity: | 31 or 36 kWh |
| Drive system power: | 99 kW |
| Charging time: | 6 h (30 A, 220 V) |
| Charging time, fast charge: | 80 % in 15 min with specialcharger (USD 500) |
| Range: | 31 kWh: 180 km; 36 kWh: 240 kms |
| Top speed: | 130 km/h |
| Safety: | Not crash tested (Coda claims it will get 5 stars in Euro NCAP). Airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Based on Chinese Hafei Saibao 3. Initially only for US market, production delayed, goal was previously 17 000 cars for 2012. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/08/17/coda-automotive-makes-electric-vehicle-credits-breakthrough/ http://www.plugin.com/2010/09/move-over-nissan-leaf-coda%E2%80%99s-electric-since-is-here/ http://www.reuters.com/article/idUS145537590420101116 |
| Official website: | www.codaautomotive.com |
| Contact information: | Coda Automotive, 1601 Wilshire Boulevard, Santa Monica, CA 90403, USA info@codaautomotive.com |

Commuter Car



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|------------------------------------|---|
| Model: | Tango T600 |
| Vehicle class: | Factory built electric vehicle, kit car |
| Country of manufacture: | USA |
| Produced from: | 2007 |
| Price: | USD 150 000 including batteries (kit) |
| Seating capacity: | 2 |
| Size: | L 259 cm, W 99 cm, H 152 cm |
| Weight: | 1 512 kgs (out of which batteries 590 kgs) |
| Cargo volume: | "Shopping bags, two large suitcases if the rear seat is taken out" |
| Permitted load: | - |
| Battery type: | LiFePO4 |
| Battery capacity: | 32 kWh |
| Drive system power: | 640 kW |
| Charging time: | 4 h |
| Charging time, fast charge: | Planned |
| Range: | 200 kms in 100 km/h |
| Top speed: | 250 km/h |
| Safety: | Not tested by Euro NCAP. Tested according to the American Hot Rod standard, safety cage fulfills FIA standards. Airbags, anti-lock brakes and traction control system not available. Steel cage and four-point seat belt. |
| Remarks: | Passenger sits behind the driver. Sold as kit car to avoid registration difficulties. Cheaper models T100 and T200 planned. |
| More information: | www.zapyx.com/electric-car-companies/commuter-cars-corporation/ http://www.jaylenosgarage.com/at-the-garage/electric/ |
| Official website: | www.commutercars.com http://tangocars.blogspot.com |
| Contact information: | Commuter Cars Corporation, 715 E. Sprague, Suite 70, Spokane, WA 99202, USA. Tel +1-509 624 0762, fax +1-509 624 1466, rick@commutercars.com |

e-Wolf



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|------------------------------------|---|
| Model: | Delta 2 Shuttle |
| Vehicle class: | Passenger vehicle, converted from petrol |
| Country of manufacture: | Germany |
| Produced from: | 2011 |
| Price: | Ca € 50 000 |
| Seating capacity: | 7 |
| Size: | L 440 cm, W 170 cm, H 180 cm |
| Weight: | 1 666 kgs |
| Cargo volume: | - |
| Permitted load: | 534 kgs |
| Battery type: | Lithium |
| Battery capacity: | 24 kWh |
| Drive system power: | 90 kW |
| Charging time: | More than 8 h |
| Charging time, fast charge: | - |
| Range: | 154 kms (NEFZ), 18,7 kWh/100 km |
| Top speed: | 110 km/h |
| Safety: | Not crash tested by Euro NCAP. Twin airbags in front and anti-lock brakes standard, traction control system not available. |
| Remarks: | Three years warranty for batteries. |
| More information: | http://www.auto-motor-und-sport.de/eco/ewolf-e1-elektro-formel-drei-auto-auf-dem-lausitzring-1396287.html |
| Official website: | http://www.ewolf-car.com |
| Contact information: | e-Wolf Ernst-Heinrich-Geist-Straße 5, D-50226 Frechen, tel +49 (0)2234 2 77 75 7-70, fax +49 (0)2234 2 77 75 7-99 jh@ewolf-car.com |

e-Wolf



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|------------------------------------|---|
| Model: | Alpha R |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | Germany |
| Produced from: | 2011 |
| Price: | Ca € 100 000 |
| Seating capacity: | 2 |
| Size: | L 350 cm, W 163 cm, H 111 cm |
| Weight: | 670 kgs |
| Cargo volume: | Small |
| Permitted load: | 280 kgs |
| Battery type: | Lithium |
| Battery capacity: | 24 kWh |
| Drive system power: | 30 kW |
| Charging time: | More than 8 h |
| Charging time, fast charge: | - |
| Range: | 200 kms (NEFZ), 250 kms in 50 km/h |
| Top speed: | 160 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | |
| More information: | http://www.auto-motor-und-sport.de/eco/ewolf-e1-elektro-formel-drei-auto-auf-dem-lausitzring-1396287.html |
| Official website: | http://www.ewolf-car.com |
| Contact information: | e-Wolf Ernst-Heinrich-Geist-Straße 5, D-50226 Frechen, tel +49 (0)2234 2 77 75 7-70, fax +49 (0)2234 2 77 75 7-99, jh@ewolf-car.com |

eCar



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|------------------------------------|---|
| Model: | eCar500 |
| Vehicle class: | Passenger car, battery powered. Converted from diesel/petrol to electric |
| Country of manufacture: | Italy/Poland/Sweden |
| Produced from: | 2010, major changes and new ownership 2012 |
| Price: | SEK 289 000 excluding VAT |
| Seating capacity: | 4 |
| Size: | L 355 cm, W 163 cm, H 149 cm |
| Weight: | 1 100 kgs |
| Cargo volume: | 135 L, 560 L with rear seat folded |
| Permitted load: | 300 kgs |
| Battery type: | Lithium-iron-phosphates |
| Battery capacity: | 15 kWh |
| Drive system power: | 24 kW |
| Charging time: | 8 h (10 A), 6 h (16 A) |
| Charging time, fast charge: | Chademo: 2 h |
| Range: | 113 km (NEDC) |
| Top speed: | 120 km/h |
| Safety: | Base car Fiat 500 has five stars in Euro NCAP. Twin airbags in front, side-airbags, anti-lock brakes and traction control system. |
| Remarks: | Based on Fiat 500, Car of the Year in Europe 2008. ECar bought previous producer EVAdapt in 2012, made major changes to construction. Also converts Ford Ka and plans to convert other Fiat models. |
| More information: | http://paultan.org/2010/11/22/the-care-500-ev-get-one-with-or-without-batteries/ |
| Official website: | www.ecarsweden.com |
| Contact information: | ECar Sweden AB, Storås Industrigata 9, 424 69 Angered, Sverige, tel +46 31 757 97 00 , mats@ecarsweden.com |

eCar



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|------------------------------------|---|
| Model: | eCar Ka |
| Vehicle class: | Passenger car, battery powered. Converted from diesel/petrol to electric |
| Country of manufacture: | Germany/Poland/Sweden |
| Produced from: | 2012 |
| Price: | SEK 285 000 excluding VAT |
| Seating capacity: | 4 |
| Size: | L 362 cm, W 169 cm, H 151 cm |
| Weight: | 1 079 kgs |
| Cargo volume: | 224 L, 774 L with rear seat folded |
| Permitted load: | 300 kgs |
| Battery type: | Lithium-iron-phosphates |
| Battery capacity: | 15 kWh |
| Drive system power: | 24 kW |
| Charging time: | 8 h (10 A), 6 h (16 A) |
| Charging time, fast charge: | Chademo: 2 h |
| Range: | 113 km (NEDC) |
| Top speed: | 120 km/h |
| Safety: | Base car Ford Ka has five stars in Euro NCAP. Twin airbags in front, side-airbags, anti-lock brakes and traction control system. |
| Remarks: | Based on Ford Ka. ECar bought previous producer EVAdapt in 2012, Ka first model not previously produced. |
| More information: | http://paultan.org/2010/11/22/the-care-500-ev-get-one-with-or-without-batteries/ |
| Official website: | www.ecarsweden.com |
| Contact information: | ECar Sweden AB, Storås Industrigata 9, 424 69 Angered, Sverige, tel +46 31 757 97 00 , mats@ecarsweden.com |

ECC



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|------------------------------------|--|
| Model: | Citroën C1 ev'ie |
| Vehicle class: | Passenger vehicle, converted from petrol/diesel |
| Country of manufacture: | Great Britain |
| Produced from: | 2009 |
| Price: | Great Britain: VT: GBP 18 550; VTR: GBP 19 050 Five doors: + GBP 500. |
| Seating capacity: | 4 |
| Size: | L 343 cm, W 163 cm, H 147 cm |
| Weight: | 953 kgs |
| Cargo volume: | 139 L (712 with rear seat folded) |
| Permitted load: | 360 kgs |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | 29 kW |
| Charging time: | 6-7 h |
| Charging time, fast charge: | - |
| Range: | 100 kms |
| Top speed: | 100 km/h |
| Safety: | Base car: Four stars in Euro NCAP. Twin airbags in front, anti-lock brakes and traction control system standard. |
| Remarks: | Based on Citroën C1, available with 3 or 5 doors. More than 2000 cars to be built in 2011. Best Electric Car by Car Magazine (September 2009). Three years warranty. Battery with larger capacity to be introduced in 2011. |
| More information: | http://green.autoblog.com/2010/02/03/lithium-ion-battery-supplier-axeon-will-make-new-pack-for-c1-ev/ http://www.theelectriccarcorporation.co.uk/docs/carmag.pdf |
| Official website: | www.eccplc.com |
| Contact information: | The Electric Car Corporation Plc, Mayfair Car Centre, Park Lane, London W1K 7AN, tel +44-207 402 4334, sales@eccplc.com |

Energetique



| | |
|------------------------------------|--|
| Model: | EvMe |
| Vehicle class: | Passenger vehicle, converted from petrol |
| Country of manufacture: | Australia/Japan |
| Produced from: | 2010 |
| Price: | AUS 70 000 |
| Seating capacity: | 5 |
| Size: | L 389 cm, W 170 cm, H 147 cm |
| Weight: | Ca 1300 kgs |
| Cargo volume: | 250 L |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | 89 kW |
| Charging time: | 15 h (10 A) |
| Charging time, fast charge: | - |
| Range: | 180 kms |
| Top speed: | 130 km/h |
| Safety: | Not crash tested by Euro NCAP or equivalent. Base car has twin airbags in front and anti-lock brakes as standard, traction control system as optional. |
| Remarks: | Based on Mazda 2. Production max 120 cars/year. Technology from German Brusa, developed for the European market by German RLE. |
| More information: | http://green.autoblog.com/2009/06/18/energetique-and-rle-bringing-evme-concept-to-europe/ http://www.cnet.com.au/evme-339296423.htm |
| Official website: | http://www.evme.com.au/ |
| Contact information: | Energetique, 100 Barney Street, Armidale, NSW 2350, Australia |

EPacked



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|------------------------------------|--|
| Model: | Meriva |
| Vehicle class: | Passenger vehicle , converted from petrol. Base car: Opel Meriva |
| Country of manufacture: | Germany/Denmark |
| Produced from: | 2010 |
| Price: | 339 000 DKK excluding VAT |
| Seating capacity: | 5 |
| Size: | L 405 cm, W 169 cm, H 162 cm |
| Weight: | Ca 1300 kgs |
| Cargo volume: | 350 L |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | - |
| Charging time: | 6-8 h |
| Charging time, fast charge: | - |
| Range: | 120 kms. 0,13 kWh/km. |
| Top speed: | 120 km/h |
| Safety: | Base car: Five stars in Euro NCAP. Twin airbags in front, anti-lock brakes and traction control system standard. |
| Remarks: | Sold and serviced by selected Opel dealers in Denmar. Also available as Van(without rear seat, otherwise identical). |
| More information: | http://www.youtube.com/watch?v=YvFiQURgzyk&feature=player_embedded |
| Official website: | http://epacked.dk |
| Contact information: | E-packed ApS, NyrupvNot 70, DK - 4180 Sorø, Denmark. Tel +45 - 4053 4059, fax +45 - 5760 1003, info@e-packed.com ; info@wiberg-sejr.com |

EPacked



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|------------------------------------|--|
| Model: | Vivaro Combi/Tour |
| Vehicle class: | Passenger vehicle , converted from petrol. Base car: Opel Vivaro |
| Country of manufacture: | Germany/Denmark |
| Produced from: | 2010 |
| Price: | - |
| Seating capacity: | 6/9 |
| Size: | L 478/518 cm, W 190 cm, H 198 cm |
| Weight: | Ca 1300 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | - |
| Charging time: | 6-8 h |
| Charging time, fast charge: | - |
| Range: | 120 kms |
| Top speed: | 120 km/h |
| Safety: | Base car not tested by Euro NCAP. Twin airbags in front, anti-lock brakes and traction control system probably standard. |
| Remarks: | Sold and serviced by selected Opel dealers in Denmark. Also available as vanand pick-up. |
| More information: | |
| Official website: | http://epacked.dk |
| Contact information: | E-packed ApS, NyrupvNot 70, DK - 4180 Sorø, Denmark. Tel +45 - 4053 4059, fax +45 - 5760 1003, info@e-packed.com; info@wiberg-sejr.com |

Fisker



| | |
|------------------------------------|---|
| Model: | Karma |
| Vehicle class: | Passenger vehicle, factory built plug-in hybrid |
| Country of manufacture: | USA/Finland |
| Produced from: | First 10 cars in 2010, series production from 2011 |
| Price: | USD 72 500 |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 20 kWh |
| Drive system power: | 300 kW (two electric motors) |
| Charging time: | 6 h |
| Charging time, fast charge: | 3 h with special charger |
| Range: | 80 km in electric mode |
| Top speed: | 200 km/h |
| Safety: | Not tested by Euro NCAP. Airbags in front and sides, anti-lock brakes and traction control system standard. |
| Remarks: | The body built in Finland by Valmet. Petrol engine from GM runs the electric engine when the battery is discharged. New gearbox under development for more power. Hatchback version Surf and smaller model, Nina, planned for 2013. |
| More information: | www.blog.wired.com/cars/2009/01/a-convertible-i.html http://www.teknikensvarld.se/nyheter/110511-fisker-callisma/index.xml |
| Official website: | www.fiskerautomotive.com |
| Contact information: | Fisker Automotive Inc., 2811 MotorcyleGaw Ave. Suite B, Irvine, CA 92614, USA, tel +1-714 888 4255, fax +1-949 474 5574, info@fiskerautomotive.com |

Flybo



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|------------------------------------|--|
| Model: | HF9A |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | |
| Seating capacity: | 5 |
| Size: | L 362 cm, W 156 cm, H 153 cm |
| Weight: | 790 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead |
| Battery capacity: | 12 V, 115 Ah |
| Drive system power: | 8.5 kWh (120 V AC) |
| Charging time: | 8 h 1-phase, 16 A 230 V |
| Charging time, fast charge: | - |
| Range: | 150 km |
| Top speed: | - |
| Safety: | Not crash tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Not approved for the EEC. |
| More information: | |
| Official website: | http://www.flybo.cn/xf/product_new.asp?id=522 |
| Contact information: | Jinan Flybo Motor Co., Ltd., room D1705 Donghuan Int'l Plaza, Erhuan East Rd, Jinan 250100, China, tel +86-531-83532903, +86-531-83532902, fax +86-531-83532910, flybomt@yahoo.com.cn, |

Flybo



| | |
|------------------------------------|---|
| Model: | HM6C |
| Vehicle class: | Passenger car, battery powered |
| Typ by fordon: | |
| Gyear att köpa/leasa : | 2010 |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | |
| Seating capacity: | 5 |
| Size: | L 395 cm, W 150 cm, H 180 cm |
| Weight: | 1142 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead |
| Battery capacity: | 12 V 150 Ah |
| Drive system power: | 6 kw, 72 V DC |
| Charging time: | 8 h 1-phase, 16 A 230 V |
| Charging time, fast charge: | 55 km/h |
| Range: | 110 km |
| Top speed: | - |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Not approved for the EEC. |
| More information: | |
| Official website: | http://www.flybo.cn/xf/product_new.asp?id=510 |
| Contact information: | Jinan Flybo Motor Co.,Ltd., room D1705 Donghuan Int'l Plaza, Erhuan East Rd, Jinan 250100, China, tel +86-531-83532903, +86-531-83532902, fax +86-531-83532910, flybomt@yahoo.com.cn, |

Ford



| | |
|------------------------------------|---|
| Model: | Focus Electric |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | USA |
| Produced from: | Mid-2012 |
| Price: | USD 39 995 |
| Seating capacity: | 5 |
| Size: | L 436 cm, W 186 cm, H 148 cm |
| Weight: | - |
| Cargo volume: | Ca 300 l |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 23 kWh |
| Drive system power: | 107 kW |
| Charging time: | 8-9 h, 3-4 h with charging box |
| Charging time, fast charge: | - |
| Range: | 160 km |
| Top speed: | 136 km/h |
| Safety: | Five stars in Euro NCAP (petrol version). Two airbags front, anti-lock brakes and traction control system standard. |
| Remarks: | Manufactured alongside other Focus versions. Launched in some US markets in 2012, major launch including Europe in 2013. Solar panels for charging available for USD 10 000 in the US. |
| More information: | http://www.automotiveworld.com/news/powertrain/88571-us-ford-delays-national-focus-ev-launch http://www.teknikensvarld.se/nyheter/101117-fordfocus-electric/index.xml http://www.mynewsdesk.com/se/pressroom/ford/pressrelease/view/ford-lanserar-helt-nya-focus-electric-fords-foersta-nollutslaeppsbil-559779?utm_source=alert&utm_medium=email&utm_campaign=Alert&utm_content= |
| Official website: | www.ford.com |
| Contact information: | Ford |

Geely



| | |
|------------------------------------|---|
| Model: | EK-1, EK-2 |
| Vehicle class: | Passenger vehicle, Factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | - |
| Seating capacity: | 4 |
| Size: | L 359 cm, W 163 cm, H 147 cm |
| Weight: | 985 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 21 kWh |
| Drive system power: | 20 kW (40 kW peak) |
| Charging time: | 6 h (16 A) |
| Charging time, fast charge: | 1 h (63 A) |
| Range: | Up to 215 kms in Eco-mode |
| Top speed: | 130 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Developed with Danish Lynx, previously also sold as Nanoq. Body similar to Toyota Aygo. Norwegian NoFuel planned to import the car to Norway. |
| More information: | http://www.autocar.co.uk/News/NewsArticle/AllCars/246312/ |
| Official website: | www.geely.com |
| Contact information: | Geely, 1760 Jiangling Road, Binjiang District, Hangzhou, Zhejiang Province, China |

German E-Cars



| | |
|------------------------------------|---|
| Model: | Cetos |
| Vehicle class: | Battery powered passenger vehicle, converted from petrol |
| Country of manufacture: | Germany/Hungary |
| Produced from: | July 2011 |
| Price: | € 35 000 |
| Seating capacity: | 4 |
| Size: | L 400 cm, W 194 cm, H 149 cm |
| Weight: | 1 305 kgs |
| Cargo volume: | 250 L |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 20 kWh |
| Drive system power: | 60 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | 2,5 h |
| Range: | 120 km |
| Top speed: | 130 km/h |
| Safety: | Twin airbags in front, anti-lock brakes, traction control system standard. |
| Remarks: | Based on Opel Agila/Suzuki Splash. |
| More information: | http://www.dw-world.de/dw/article/0,,6496053,00.html |
| Official website: | www.german-e-cars.de |
| Contact information: | German E-Cars GmbH, Über der Bahn 2, D-34393 Grebenstein, Tel +49-5674 9983-300, fax +49-5674 9983-9301, info@german-e-cars.de |

German E-Cars



| | |
|------------------------------------|---|
| Model: | Stromos |
| Vehicle class: | Battery powered passenger vehicle, converted from petrol |
| Country of manufacture: | Germany/Hungary |
| Produced from: | July 2010 |
| Price: | € 35 000 |
| Seating capacity: | 4 |
| Size: | L 372 cm, W 166 cm, H 159 cm |
| Weight: | 1 305 kgs including batteries |
| Cargo volume: | 250 L |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 20 kWh |
| Drive system power: | 56 kW |
| Charging time: | 6 h |
| Charging time, fast charge: | 2 h |
| Range: | 120 km |
| Top speed: | 130 km/h |
| Safety: | Twin airbags in front, anti-lock brakes, traction control system standard. |
| Remarks: | Based on Opel Agila/Suzuki Splash. |
| More information: | http://www.dw-world.de/dw/article/0,,6496053,00.html |
| Official website: | www.german-e-cars.de |
| Contact information: | German E-Cars GmbH, Über der Bahn 2, D-34393 Grebenstein, Tel +49-5674 9983-300, fax +49-5674 9983-9301, info@german-e-cars.de |

Hefei



| | |
|------------------------------------|---|
| Model: | Eupo-2 |
| Vehicle class: | Battery powered passenger vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | USD 5 800, with Lithium battery 9 900 |
| Seating capacity: | 2 |
| Size: | L 355 cm, W 155 cm, H 135 cm |
| Weight: | 618 kgs including batteries |
| Cargo volume: | 250 L |
| Permitted load: | - |
| Battery type: | Lead, as optional Lithium-iron (LiFeMnPO4) |
| Battery capacity: | 150 AH, 48 V, Lithium 180 Ah |
| Drive system power: | 4.2 kW 48 V AC |
| Charging time: | 9-12 h, Lithium 4-6 h |
| Charging time, fast charge: | - |
| Range: | 100-120 km |
| Top speed: | 50 km/h |
| Safety: | Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Body in glass fibre, convertible, rear-wheel drive. Also sold as Yangzhou Kaiersima. |
| More information: | http://spanish.alibaba.com/product-gs/smart-electric-vehicle-eec--329420841.html |
| Official website: | http://www.cndpmotors.com ; http://chinaddqc.com |
| Contact information: | Hefei Dongpeng Trade Co., Ltd.Qianshuiwan,Hefei Economic Zone, Hefei City, Anhui Province. China, +86-551-5578375, fax +86-551-2152159, dpmotors@126.com |

HiPower



| | |
|------------------------------------|--|
| Model: | High Safe Performance JUNCHI-1 |
| Vehicle class: | Factory builtelectric vehicle. In the USA : Low Speed Vehicle/NEV |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | In the USAUSD 10 295 |
| Seating capacity: | 2 |
| Size: | L 319 cm, W 167 cm, H 158 cm |
| Weight: | 1100 kgs |
| Cargo volume: | - |
| Permitted load: | 180 kgs |
| Battery type: | Lithium-iron (LiFePO4) |
| Battery capacity: | 200 Ah, 48 V |
| Drive system power: | 7.5 kw, 72 V ACUSA: 6/8 kW |
| Charging time: | 8-10 h |
| Charging time, fast charge: | 2-3 h |
| Range: | 80 km |
| Top speed: | 50-60 km/h |
| Safety: | |
| Remarks: | Battery guaranteed for over 1500 charges. |
| More information: | http://hipowergroup.manufacturer.globalsources.com/si/6008835854434/pdtl/Electric-car/1035353509/Electric-Car.htm?source=RSS_Hd#ContactDetails |
| Official website: | http://www.kandivehicle.com http://www.electriccars.com/SHOWROOM_1/VIEWcarINFO.cfm?CAR_id=82&AD_type=NEW&SHOWROOMtype=SHRMspecials |
| Contact information: | Hipower New Energy Group Co.,Ltd, 26/F, Yangguang Mansion, Beijing Rd., Jiaonan, Qingdao, Shando, 266400 China, tel +86-731 8513 1841, fax +86 532 8819 1180, www.globalsources.com/hipowergroup.co |

HiPower



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|------------------------------------|---|
| Model: | Electric car |
| Vehicle class: | Factory built electric vehicle. In the USA : Low Speed Vehicle/NEV |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | In the USAUSD 10 295 |
| Seating capacity: | 2 |
| Size: | L 350 cm, W 160 cm, H 165 cm |
| Weight: | 1150 kgs |
| Cargo volume: | - |
| Permitted load: | 180 kgs |
| Battery type: | Lithium-iron (LiFePO4) |
| Battery capacity: | 200 Ah, 72 V |
| Drive system power: | 8 kW AC |
| Charging time: | 6-8 h |
| Charging time, fast charge: | 2-3 h |
| Range: | 120-150 km |
| Top speed: | 80-90 km/h |
| Safety: | |
| Remarks: | The battery guaranteed for over 1500 charges. Sold in the USA . |
| More information: | http://hipowergroup.manufacturer.globalsources.com/si/6008835854434/pdtl/Electric-car/1035353509/Electric-Car.htm?source=RSS_Hd#ContactDetails |
| Official website: | http://hipowergroup.manufacturer.globalsources.com/si/6008835854434/pdtl/Electric-car/1035247378/Electric-Car.htm |
| Contact information: | Hipower New Energy Group Co.,Ltd, 26/F, Yangguang Mansion, Beijing Rd., Jiaonan, Qingdao, Shando, 266400 China, tel +86-731 8513 1841, fax +86 532 8819 1180 |

Hyundai



| | |
|------------------------------------|--|
| Model: | i10 EV/BlueOn |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | South Korea/India |
| Produced from: | Autumn 2010 |
| Price: | - |
| Seating capacity: | 5 |
| Size: | L 357 cm, W 160 cm, H 155 cm |
| Weight: | 1 000 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium-polymer |
| Battery capacity: | 16,4 kWh |
| Drive system power: | 49 kW |
| Charging time 230 V, 16 A: | 6 h |
| Charging time, fast charge: | 15 min with 3-phase 413 V gives 85 % capacity |
| Range: | 160 km |
| Top speed: | 130 km/h |
| Safety: | Four stars in Euro NCAP (previous, for petrol version), four stars for child safety, three stars for pedestrian safety. |
| Remarks: | Based on petrol vehicle i10. Initially only sold to larger customers in South Korea. For 2012 2500 are planned for manufacturing. |
| More information: | http://www.mynewsdesk.com/se/pressroom/hyundai/pressrelease/view/hyundai-i10-ev-premiaer-med-hoeg-spaenningsfaktor-318115 http://www.vibilagare.se/zino.aspx?articleID=16057 |
| Official website: | www.hyundai.com; www.hyundai.se |
| Contact information: | Hyundai Cars AB, Box 324, 192 79 Sundbyberg, tel 08-506 05 000, fax 08-506 05 001, Ann.sundfeldt@hyundai.se Hyundai Motor Norway AS, Postboks 646,6 Etterstad, 0605 Oslo, tel 022 70 60 00, fax 022 70 60 90, info@hyundai.no |

Jinan



| | |
|------------------------------------|---|
| Model: | HL9A(BY-E-CAR-08) |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2007 |
| Price: | USD 8 410 |
| Seating capacity: | 4 |
| Size: | L 362 cm, W 156 cm, H 153 cm |
| Weight: | 1110 kgs (out of which batteries 320 kgs) |
| Cargo volume: | 186 L |
| Permitted load: | 400 kgs |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | 12 kWh, 12 V, 100 Ah |
| Drive system power: | 8.5 kWAC 120 V |
| Charging time: | 10 h |
| Charging time, fast charge: | - |
| Range: | 160 kms in 50 km/h |
| Top speed: | 110 km/h |
| Safety: | Anti lock-brakes as extra (USD 360), driver's side airbag as extra (USD 650) |
| Remarks: | Approved for EU sales. Guaranteed for 800 charges. |
| More information: | - |
| Official website: | www.baoya-ev.com |
| Contact information: | Shandong Jindalu Vehicle Co.Ltd, Dezhou Tianqu Industrial Zone, Dezhou, Shandong, 252000 China, tel +86 534-235 5086 , fax +86 534 235 5086, sdbaoya.ev@gmail.com |

Kia



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|------------------------------------|---|
| Model: | Ray EV |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | South Korea |
| Produced from: | 2012 |
| Price: | Leasing to selected customers only |
| Seating capacity: | 4 |
| Size: | L 359 cm, W 160 cm, H 170 cm |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | About 400 kgs |
| Battery type: | Lithium-iron |
| Battery capacity: | 16 kWh |
| Drive system power: | 50 kW |
| Charging time: | 6 h |
| Charging time, fast charge: | 25 min |
| Range: | 139 kms |
| Top speed: | 120 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Anti lock-brakes, airbags in front and antispin system standard. |
| Remarks: | Planned production 2500 units for Korean authorities, no export planned. |
| More information: | http://www.mynewsdesk.com/se/pressroom/kia_motors/pressrelease/view/kia-introducerar-sydkoreas-foersta-serieproducerade-elbil-718539?utm_source=alert&utm_medium=email&utm_campaign=Alert&utm_content= |
| Official website: | www.kia.com |
| Contact information: | Kia Motors, Sotuh Korea |

Liberty Electric Cars



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|------------------------------------|---|
| Model: | Range Rover |
| Vehicle class: | Passenger vehicle, converted from petrol |
| Country of manufacture: | Great Britain |
| Produced from: | Autumn 2010 |
| Price: | GBP 110 000 to GBP 140 000 including base car |
| Seating capacity: | 5 |
| Size: | L 497 cm, W 200 cm, H 188 cm |
| Weight: | 2 850 kgs |
| Cargo volume: | - |
| Permitted load: | Ca 400 kgs |
| Battery type: | Lithium-polymer |
| Battery capacity: | 75 kWh |
| Drive system power: | - |
| Charging time: | 8 h |
| Charging time, fast charge: | 3 h with 3-phase, 415 V, 20 min with railway charger |
| Range: | 320 km |
| Top speed: | 160 km/h (electronically limited) |
| Safety: | Not tested by Euro NCAP or equivalent. Twin airbags in front, anti-lock brakes and traction control system standard. |
| Remarks: | Batteries in trunk, easy to replace. Range extended by in-car generator. Four-wheel-drive, with electric motor in each wheel. Left- and right-hand-drive versions. EV-version of Land Rover Defender 110, Range Rover Sport and Land Rover Discovery by 2012, no technical data. |
| More information: | http://www.autoindustry.co.uk/news/21-05-08_16 http://www.envymotors.co.uk/liberty.html http://www.thegreencarwebsite.co.uk/blog/index.php/2010/06/17/companies-join-forces-for-electric-4x4-conversions/ |
| Official website: | www.Liberty-eCars.com |
| Contact information: | Liberty Electric Cars Ltd, The Oxford Science Park, Oxford OX4 4GA Great Britain, tel +44-800 107 9908, fax +44-870 762 4185, info@Liberty-eCars.com |

Lifan



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|------------------------------------|--|
| Model: | 520 |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2009 |
| Price: | - |
| Pris in Norway: | - |
| Pris in Sweden: | - |
| Seating capacity: | 5 |
| Size: | L 437 cm, W 170 cm, H 147 cm |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | 30 kW |
| Charging time: | - |
| Charging time, fast charge: | Not available |
| Range: | 100-120 km |
| Top speed: | 140 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Is to use Michelin's "active wheels" with electric motors in the wheels. Capacity 18 000 cars per year, export to Europe and USA planned. |
| More information: | www.reviews.cnet.com/8301-13746_7-10110308-48.html www.motorauthority.com/michelin-partners-with-Chinas-mgl-to-produce-active-wheel-powertrains.html |
| Official website: | www.lifan.com/en |
| Contact information: | Lifan, 60 Zhangjiawan, Shangqiao Shapingba, Chongqing, China, tel +86-2361 66305, +86-2361 663528, fax +86-2361 663297, iec00@lifan.com, iec018@lifan.com |

Lightning



| | |
|------------------------------------|---|
| Model: | Electric Lightning GTS |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | Great Britain (England) |
| Produced from: | 2011 |
| Price: | € 130 000 |
| Seating capacity: | 2 |
| Size: | L 445 cm, W 194 cm, H 120 cm |
| Weight: | 1 580 kgs |
| Cargo volume: | - |
| Permitted load: | 250 kgs |
| Battery type: | Lithium ("NanoSafe") |
| Battery capacity: | 36,3 kWh |
| Drive system power: | 4x120 kW |
| Charging time: | 12 h |
| Charging time, fast charge: | 10 min |
| Range: | 300 km |
| Top speed: | 210 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Twin airbags in front and anti-lock brakes standard, traction control system not available. |
| Remarks: | Electric motor in each wheel, with Hi-Pa Drive (same technology as Volvo uses in the V60), thus four-wheel-drive. |
| More information: | www.gizmag.com/go/7486/ http://www.greencarsite.co.uk/comingsoon/lightning-car-company.htm |
| Official website: | www.lightningcarcompany.co.uk |
| Contact information: | Lightning Car Company Ltd, Stephenson House, 15 Church Walk, Peterborough, PE1 2TP, Great Britain, nicolas@lightningcarcompany.co.uk |

Li-Ion Motors



| | |
|------------------------------------|---|
| Model: | LiV Flash |
| Vehicle class: | Passenger vehicle |
| Country of manufacture: | USA (base car from Great Britain) |
| Produced from: | 2010 |
| Price: | USD 79 500 |
| Seating capacity: | 2 |
| Size: | L 364 cm, W 168 cm, H 141cm |
| Weight: | 1 225 kgs |
| Cargo volume: | - |
| Permitted load: | Ca 200 kgs |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | 67 kW |
| Charging time: | More than 8 h |
| Charging time, fast charge: | - |
| Range: | Up to 192 km |
| Top speed: | Up to 128 km/h |
| Safety: | Base car has 5 stars in Euro NCAP. Twin airbags in front, anti-lock brakes and traction control system standard. |
| Remarks: | Converted Mini. Batteries guaranteed for 2 500 charges. |
| More information: | - |
| Official website: | http://www.li-ionmotors.com/vehicles/cars/flash/ |
| Contact information: | Li-Ion Motors Corp, 4894 Lone Mountain #168, Las Vegas, NV 89130 USA, tel+1-877-274-6236 , sales@li-ionmotors.com |

Li-Ion Motors



| | |
|------------------------------------|---|
| Model: | Inizio R/RT/RTX |
| Vehicle class: | Passenger vehicle |
| Country of manufacture: | USA |
| Produced from: | August 2011 |
| Price: | R USD 139 000, other versions "more expensive" |
| Seating capacity: | 2 |
| Size: | L 445 cm, W 198 cm, H 117 cm |
| Weight: | R 1 406 kgs, RT 1 633 kgs, RTX 1 769 kgs |
| Cargo volume: | - |
| Permitted load: | 195 kgs including driver |
| Battery type: | Lithium |
| Battery capacity: | 40 / 81/ 97 kWh |
| Drive system power: | R and RT: 175 kW, RTX 290 kW |
| Charging time: | 6-10 h depending on model |
| Charging time, fast charge: | - |
| Range: | Up to 241 km, 402 kms with larger battery |
| Top speed: | Up to 210 km/h |
| Safety: | Not crash tested. Safety equipment not specified. |
| Remarks: | Batteries guaranteed for 2 500 charges. |
| More information: | http://www.li-ionmotors.com/INIZIO/media.php?sub=media-coverage |
| Official website: | http://www.li-ionmotors.com/vehicles/cars/flash/ |
| Contact information: | Li-Ion Motors Corp, 4894 Lone Mountain #168, Las Vegas, NV 89130 USA, tel+1-877-274-6236 , sales@li-ionmotors.com |

Li-Ion Motors



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|------------------------------------|--|
| Model: | Wave S/SE |
| Vehicle class: | Passenger vehicle |
| Country of manufacture: | USA |
| Produced from: | Autumn 2011 |
| Price: | From USD 39 000 |
| Seating capacity: | 2 |
| Size: | L 386 cm, W 183 cm, H 132 cm |
| Weight: | S 1 020 kgs, SE 1 065 kgs |
| Cargo volume: | Ca 400 L |
| Permitted load: | 195 kgs including driver |
| Battery type: | Lithium |
| Battery capacity: | S 34 kWh, SE 41 kWh |
| Drive system power: | 67 kW |
| Charging time: | S 6 h, SE 7 h |
| Charging time, fast charge: | - |
| Range: | Up to 241 km, SE 321 kms |
| Top speed: | Up to 144 km/h |
| Safety: | Not cras tested. No specific safety equipment. |
| Remarks: | Winner of the Progressive Automotive X Prize. Uses flat, thin batteries. Cw 0.16. Li-Ion claims to also sell two normal EVs, but information is limited. |
| More information: | - |
| Official website: | http://www.li-ionmotors.com/vehicles/cars/flash/ |
| Contact information: | Li-Ion Motors Corp, 4894 Lone Mountain #168, Las Vegas, NV 89130 USA, tel+1-877-274-6236 , sales@li-ionmotors.com |

Longwise



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|------------------------------------|--|
| Model: | Electric Cool Car EVL027V |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | - |
| Pris in Norway: | - |
| Pris in Sweden: | - |
| Seating capacity: | 4 |
| Size: | L 320 cm, W 167 cm, H 153 cm |
| Weight: | 1 100 kgs |
| Cargo volume: | - |
| Permitted load: | 300 kgs |
| Battery type: | Lead |
| Battery capacity: | - |
| Drive system power: | 5 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | Not available |
| Range: | 160 km |
| Top speed: | 75-80 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Anti-lock brakes standard, airbags and traction control system not available. |
| Remarks: | - |
| More information: | www.longwise.cn.alibaba.com/athena/offerdetail/sale/longwise-1036593-301358418.html#pageNav |
| Official website: | www.longwise.en.alibaba.com/aboutus.html |
| Contact information: | Zhejiang Longwise Technology Co, Shangpu Road, Hardware Science and Technology Industrial Park, Yongkang, Zhejiang, 321300 China |

Longwise



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|------------------------------------|--|
| Model: | SUVEVL050V |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2008 |
| Price: | Yuan 126 000 in China |
| Seating capacity: | 5 |
| Size: | L 390 cm, W 155 cm, H 167 cm |
| Weight: | 1 280 kgs |
| Cargo volume: | - |
| Permitted load: | 400 kgs |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | 8,5 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | Not available |
| Range: | 160 km |
| Top speed: | 75-80 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Anti-lock brakes standard, airbags and traction control system not available. |
| Remarks: | Design similar to Daihatsu Terios, not four-wheel-drive. |
| More information: | www.longwise.cn.alibaba.com/athena/offerdetail/sale/longwise-1036593-301358418.html#pageNav |
| Official website: | www.longwise.en.alibaba.com/aboutus.html |
| Contact information: | Zhejiang Longwise Technology Co, Shangpu Road, Hardware Science and Technology Industrial Park, Yongkang, Zhejiang, 321300 China |

Luis



| | |
|------------------------------------|--|
| Model: | 4U Green |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China/Germany |
| Produced from: | 2009 |
| Price: | € 49 900 in Germany |
| Seating capacity: | 5 |
| Size: | L 397 cm, W 157 cm, H 173 cm |
| Weight: | Ca 350 kgs (depending on batteries) |
| Cargo volume: | 454 / 1 158 L |
| Permitted load: | 100-240 kgs (depending on batteries) |
| Battery type: | Lithium-iron |
| Battery capacity: | 25/32 kWh |
| Drive system power: | 27 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | 20 min (400 V, 64 A) |
| Range: | 200 kms |
| Top speed: | 90-120 km/h (depending on software) |
| Safety: | Airbags and anti-lock brakes standard, traction control system optional. |
| Remarks: | Front-wheel-drive. To withstand 5 000 – 10 000 charges. |
| More information: | |
| Official website: | http://4u.luis.de |
| Contact information: | LUIS Motors GmbH, Brennerkoppel 5, D-22949 Ammersbek, Germany, tel +49-0800 330 47 46, fax +49-40 605 58 047, Elektroauto@LUIS.de |

Lujo



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|------------------------------------|--|
| Model: | QR |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | |
| Seating capacity: | 4 |
| Size: | L 355 cm, W 150 cm, H 149 cm |
| Weight: | 1 050 kgs |
| Cargo volume: | - |
| Permitted load: | Ca 300 kgs |
| Battery type: | Lead |
| Battery capacity: | - |
| Drive system power: | 6 kW |
| Charging time: | 8-10 h, 220 V 16 A |
| Charging time, fast charge: | - |
| Range: | 150 kms in constant 50 km/h |
| Top speed: | 60 km/h |
| Safety: | Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Not approved for EEC. |
| More information: | http://www.globalsources.com/ptcchina.co |
| Official website: | www.lujoev.com |
| Contact information: | LUJO EV R&D CO.,LTD , NO.10, Daqing Rd., Weihai, Shandong, 264205 China , tel +86-63- 592 4306, +86-631 592 4306, fax +8- 631 592 4356 |

Lujo



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|------------------------------------|---|
| Model: | LUJO BDX120100LA |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | |
| Seating capacity: | 4 |
| Size: | L 340 cm, W 158 cm, H 167 cm |
| Weight: | 1 330 kgs |
| Cargo volume: | - |
| Permitted load: | 300 kgs |
| Battery type: | Lead (maintenance-free) |
| Battery capacity: | - |
| Drive system power: | 15 kW |
| Charging time: | 8-10 h, 220 V 16 A |
| Charging time, fast charge: | - |
| Range: | 120 kms, constant 50 km/h |
| Top speed: | 100 km/h |
| Safety: | Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Not approved for the EEC. |
| More information: | http://www.globalsources.com/gsol/I/Electric-car/p/sm/1010223072.htm |
| Official website: | - |
| Contact information: | LUJO EV R&D CO.,LTD , NO.10, Daqing Rd., Weihai, Shandong, 264205 China , tel +86-63- 592 4306, +86-631 592 4306, fax +8- 631 592 4356 |

Lujo



| | |
|------------------------------------|---|
| Model: | LUJO LF Since |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | USD 13 480 excluding batteries |
| Seating capacity: | 5 |
| Size: | L 437 cm, W 170 cm, H 147 cm |
| Weight: | 1 530 kgs |
| Cargo volume: | - |
| Permitted load: | 350 kgs |
| Battery type: | Lead |
| Battery capacity: | 55 Ah, 320 V |
| Drive system power: | 20 kW |
| Charging time: | 8-10 h, 220 V 16 A |
| Charging time, fast charge: | - |
| Range: | 120 kms in constant 50 km/h |
| Top speed: | 110 km/h |
| Safety: | Airbag on driver's side, anti-lock brakes and traction control system standard. |
| Remarks: | Fullfills EEC M requirements. |
| More information: | http://www.globalsources.com/ptcchina.co |
| Official website: | www.lujoev.com |
| Contact information: | LUJO EV R&D CO.,LTD , NO.10, Daqing Rd., Weihai, Shandong, 264205 China , tel +86-63- 592 4306, +86-631 592 4306, fax +8- 631 592 4356 |

Lujo



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|------------------------------------|--|
| Model: | LUJO L7e |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Importer in Sweden: | - |
| Price: | USD 13 480 excluding batteries |
| Seating capacity: | 5 |
| Size: | L 437 cm, W 170 cm, H 147 cm |
| Weight: | 1 530 kgs |
| Cargo volume: | - |
| Permitted load: | 350 kgs |
| Battery type: | Lead |
| Battery capacity: | -kWh, 55 Ah, 320 V |
| Drive system power: | 20 kW |
| Charging time: | 8-10 h, 220 V 16 A |
| Charging time, fast charge: | - |
| Range: | 120 kms in constant 50 km/h |
| Top speed: | 110 km/h |
| Safety: | Airbag on driver's side, anti-lock brakes and traction control system standard. |
| Remarks: | Fulfills EEC M1. |
| More information: | http://www.globalsources.com/ptcchina.co |
| Official website: | www.lujoev.com |
| Contact information: | LUJO EV R&D CO.,LTD , NO.10, Daqing Rd., Weihai, Shandong, 264205 China , tel +86-63- 592 4306, +86-631 592 4306, fax +8- 631 592 4356 |

Luxgen



| | |
|------------------------------------|--|
| Model: | 7 MPV |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | Taiwan |
| Produced from: | 2011 |
| Price: | - |
| Seating capacity: | 7 |
| Size: | - |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | 180 kW |
| Charging time: | - |
| Charging time, fast charge: | - |
| Range: | 350 kms in 40 km/h |
| Top speed: | 145 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Anti-lock brakes and twin airbags in front probably standard, traction control system probably not available. |
| Remarks: | Developed by AC Propulsion (USA) and Yulon Motors (China). Initially sold only in the Middle East. SUV and large sedan also planned. |
| More information: | http://www.ecofriend.org/entry/luxgen-debuts-world-s-first-all-electric-7-passenger-mpv/ http://www.automotiveworld.com/news/environment/81426-taiwan-ev-project-not-suspended-yulon-says |
| Official website: | http://www.luxgen-motor.com.tw/cars/EV/ |
| Contact information: | Luxgen Motor Corp, Taiwan |

Mia



| | |
|------------------------------------|--|
| Model: | Mia, Mia L |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | Germany |
| Produced from: | 2011 |
| Price: | From € 18 800, L from € 19 600 |
| Seating capacity: | Mia: 3; Mia L: 4 |
| Size: | L 287/319 cm, W 164 cm, H 155 cm |
| Weight: | 764 kgs, 815 kgs with 12 kWh battery. L 800 kgs, 850 with 12 kWh battery. |
| Cargo volume: | 260 l, L 420/998 l |
| Permitted load: | - |
| Battery type: | Lithium-iron-phosphates |
| Battery capacity: | 8/12 kWh |
| Drive system power: | |
| Charging time 230 V, 16 A: | 3/5 h |
| Charging time, fast charge: | 20 min |
| Range: | 80/125 km (NEVC) |
| Top speed: | 100 km/h |
| Safety: | UTAC-approved. Not crash tested by Euro NCAP, airbag for driver and anti-lock brakes standard, anti lock-brakes and anti-spinn system not available. |
| Remarks: | Previously marketed as Friendly, developed by Heuliez, became Mia after Heuliez bankruptcy. Plans 1000 cars/month. Exported to several European markets. Batteries guaranteed for 3 years or 50 000 kms. |
| More information: | http://www.automotiveworld.com/news/environment/88227-france-mia-ev-enters-pilot-production http://www.automotto.org/entry/heuliez-friendly-concept-car-unveiled/ |
| Official website: | www.mia-electric.com |
| Contact information: | Mia Electric, Norbertstr 5, 451 31 Essen, Germany, info@mia-electric.com |

Mitsubishi



| | |
|------------------------------------|---|
| Model: | i-MiEV, i-MiEV M, i-MiEV G |
| Vehicle class: | Passenger vehicle, factory builtelectric vehicle. |
| Country of manufacture: | Japan |
| Produced from: | 2009, major update 2012 |
| Price: | Around € 30 000 in Europe, Japan 3.8 million Yen, i-MiEV M 2.6 million Yen, i-MiEV G 3.8 million Yen |
| Seating capacity: | 4 |
| Size: | L 348 cm, W 148 cm, H 161 cm USA version: L 376 cm, W 159 cm, H 161 cm |
| Weight: | 1 187 kgs |
| Cargo volume: | 227 L |
| Permitted load: | 263 kgs |
| Battery type: | Lithium |
| Battery capacity: | 16 kWh |
| Drive system power: | 49 kW |
| Charging time: | 8 h (10 A) |
| Charging time, fast charge: | 30 min to 80 % by capacity with special charger |
| Range: | 150 kms in Eco mode (22 kWh motor effect), version M 120 kms, version G 175 kms |
| Top speed: | 130 km/h |
| Safety: | Four stars in Euro NCAP. Six airbags and anti-lock brakes standard. Traction control system on cars for Europe. |
| Remarks: | Rear-wheel drive. Batteries guaranteed for ten years/150 000 km. USA version longer and wider. Version M is cheaper, with less range, while version G is more expensive, better equipped, with better range. M and currently only for Japan. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/03/23/mitsubishi-set-i-miev-price-just-under-34000/ http://www.thegreencarwebsite.co.uk/blog/index.php/2011/07/06/mitsubishi-launches-new-budget-i-miev/ http://www.prnewswire.com/news-releases/mitsubishi-unveils-north-american-version-of-new-i-electric-vehicle-at-the-2010-los-angeles-auto-show-108683164.html |
| Official website: | www.mitsubishimotors.com ; www.mitsubishimotors.se http://www.mitsubishi-motors.no/norway/world/environment/tab.aspx#/environmentintro |
| Contact information: | SC Auto Sweden AB, box 324, 192 30 Sollentuna, tel +46-8 474 5400, fax +46-8 621 1382, info@mitsubishimotors.se ; anders.erngren@mitsubishimotors.se |

Mitsuoka



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|------------------------------------|--|
| Model: | Like |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | Japan |
| Produced from: | August 2010 |
| Price: | USD 47 500 |
| Seating capacity: | 5 |
| Size: | L 357 cm, W 148 cm, H 161 cm |
| Weight: | - |
| Cargo volume: | 364 L |
| Permitted load: | Around 300 kgs |
| Battery type: | Lithium |
| Battery capacity: | 24 kWh |
| Drive system power: | 40/82 kWh |
| Charging time: | 8 h 1-phase, 16 A 230 V |
| Charging time, fast charge: | - |
| Range: | 150 km |
| Top speed: | 130 km/h |
| Safety: | Not crash tested by Euro NCAP. Twin airbags in front, side airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Based on Mitsubishi i-MiEV, but longer and seats five. |
| More information: | http://www.automotiveworld.com/news/environment/82607-japan-mitsuoka-opens-reservations-for-like-ev http://www.thegreencarwebsite.co.uk/blog/index.php/2010/06/23/an-electric-car-that-is-a-lot-like-the-i-miev/ |
| Official website: | www.mitsuoka-motor.com |
| Contact information: | Mitsuoka Motor, 508-3, Kakeomachi, Toyama city, Toyama Pref., Japan |

Myers



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|------------------------------------|---|
| Model: | NMG |
| Vehicle class: | Passenger vehicle or three-wheelmotorcycle, factory built electric vehicle |
| Country of manufacture: | USA |
| Produced from: | 2008 |
| Price: | USD 24 994, USD 29 995 with Lithium batteries |
| Seating capacity: | 1 |
| Size: | L 244 cm, W 122 cm, H 147 cm |
| Weight: | 612 kgs |
| Cargo volume: | Ca 150 L |
| Permitted load: | - |
| Battery type: | Lead (maintenance free), Lithium at extra cost |
| Battery capacity: | 6,2 kWh, 13x12V |
| Drive system power: | 20 kW |
| Charging time: | 3-4 h |
| Charging time, fast charge: | 45 min to 95 % |
| Range: | 45 km, 70 kms with Lithium |
| Top speed: | 120 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Fullfills USA safety regulations for motorcycles. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Three-wheeler, power through single rear wheel. Previously sold as Corbin Sparrow. |
| More information: | http://en.wikipedia.org/wiki/Myers_Motors_NmG |
| Official website: | http://www.myersmotors.com |
| Contact information: | Myers Motors LLC, 180 South Ave., Tallmadge, Ohio, USA, tel +1-330 630 3768,info@MyersMotors.com. |

Myers



| | |
|------------------------------------|--|
| Model: | Duo |
| Vehicle class: | Passenger vehicle or three-wheelmotorcycle , factory built electric vehicle |
| Country of manufacture: | USA |
| Produced from: | 2011 |
| Price: | USD 24 995 |
| Seating capacity: | 2 |
| Size: | - |
| Weight: | - |
| Cargo volume: | Ca 150 L |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | - |
| Charging time: | - |
| Charging time, fast charge: | - |
| Range: | 110 km, version with 160 km range available at extra cost |
| Top speed: | 120 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Fullfills USA safety regulations for motorcycles. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Three-wheel, power through single rear wheel. |
| More information: | http://green.autoblog.com/2009/09/23/revealed-myers-motors-two-seat-all-electric-nmg/ http://www.chipchick.com/2009/09/myers_motors.html |
| Official website: | http://www.myersmotors.com |
| Contact information: | Myers Motors LLC, 180 South Ave., Tallmadge, Ohio, USA, tel +1-330 630 3768,info@MyersMotors.com. |

Nissan



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|------------------------------------|---|
| Model: | Leaf |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | Japan |
| Produced from: | 2010 |
| Price: | Around €32 000. USA: SV USD 35 200, SL USD 37 250. Leasing USD 369/month |
| Seating capacity: | 5 |
| Size: | L 445 cm, W 177 cm, H 155 cm |
| Weight: | 1 525 – 1 567 kgs |
| Cargo volume: | - |
| Permitted load: | 395 kgs |
| Battery type: | Lithium |
| Battery capacity: | 24 kWh |
| Drive system power: | 80 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | 80 percent charge in 30 minutes (three phase rapid charger) |
| Range: | 175 kms, 13,5 kWh/100 km |
| Top speed: | 145 km/h |
| Safety: | Five stars in Euro NCAP. Two airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Car of the Year in Europe 2011. Version SL has solar cells in roof mounted spoiler; the only extra currently available. Production capacity 50 000 cars/year, production to start in the USA and possibly China. SL version includes rapid charging, battery warmer, heated steering wheel, and heated seats in both the front and rear. |
| More information: | http://www.automotiveworld.com/news/environment/84031-france-nissan-europe-outlines-leaf-sales-approach http://www.thegreencarwebsite.co.uk/blog/index.php/2010/04/13/nissan-leaf-or-mitsubishi-i-miev-which-electric-car-has-the-edge/ http://www.automotiveworld.com/news//84751-france-renault-nissan-sees-ev-profitability-in-3-years |
| Official website: | www.nissan.se , www.nissan.com |
| Contact information: | Nissan Nordic Svensk Filial, Box 1003, 164 21 Kista, Sweden Nissan Nordic Norsk Filial, Postboks 251, 1372 Asker, tel +47 66 98 39 00, +47 66 98 39 00 |

OKA



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|------------------------------------|---|
| Model: | OKA NEV ZEV |
| Vehicle class: | Factory builtelectric vehicle. In the USA : NEV / Low-Speed Vehicle |
| Country of manufacture: | Russia, final assembly in the USA |
| Produced from: | 2009 |
| Price: | Base USD 7 995, Standard USD 8 745, Luxury USD 10 995, Luxury AC USD 12 995 |
| Seating capacity: | 2/4, also as 2-seater Cargo-model |
| Size: | L 320 cm, W 142 cm, H 140 cm |
| Weight: | 685 kgs |
| Cargo volume: | Ca 200 L |
| Permitted load: | 300 kgs |
| Battery type: | Lead-acid (maintenance free as extra) |
| Battery capacity: | 48 V AC, 100 Ah |
| Drive system power: | DC: 5 kW, AC: 15 kW |
| Charging time: | 8 h (110 V) |
| Charging time, fast charge: | 45 min to 80 %, rapid charger optional |
| Range: | 40-50 kms |
| Top speed: | DC 40 km/h (limited), AC 60 km/h |
| Safety: | Airbags, anti-lock brakes, traction control system not available.Fullfills EU safety requirements for passenger vehicles. |
| Remarks: | Russian car converted to electric vehicle in the USA. |
| More information: | - |
| Official website: | http://www.okaauto.com |
| Contact information: | OKA AUTO USA, MIROX Corporation,P. O. Box 19294, Jean, NV 89019-9294, USA, okaauto@aol.com. +1-702-683-8292 |

Opel/Vauxhall



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|------------------------------------|---|
| Model: | Ampera |
| Vehicle class: | Passenger vehicle, factory built plug-in hybrid |
| Country of manufacture: | Germany, with parts from USA |
| Produced from: | 2011 |
| Price: | € 42 900 |
| Permitted load: | 300 L, 1 005 L with folded rear seat |
| Battery type: | Lithium-ion |
| Battery capacity: | 16 kWh |
| Drive system power: | 111 kW (63 kw petrol engine/generator) |
| Charging time: | 3 h |
| Charging time, fast charge: | - |
| Range: | 40-80 kms with electricity from the battery, 13,5 kWh/100 km. Petrol consumption 1,6 l/100 kms, 40 g CO2/km (ECER101) |
| Top speed: | 161 km/h |
| Safety: | Not yet tested in Euro NCAP, high rating in USA test. Airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Combustion engine for petrol, charges the batteries, doesn't directly power the wheels, so according to GM this is an electric vehicle with range extender. Based on Chevrolet Volt (see this). Strictly four-seater. Opel and Vauxhall versions identical. |
| More information: | www.thegreencarwebsite.co.uk/blog/index.php/2010/07/28/gm-reveals-chevrolet-volt-pricing-and-details/ http://www.thegreencarwebsite.co.uk/blog/index.php/2011/02/18/opel-ampera-to-make-geneva-debut/ |
| Official website: | www.opel-ampera.com |
| Contact information: | General Motors |

Peugeot



| | |
|------------------------------------|--|
| Model: | iOn |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | France |
| Produced from: | Autumn 2010 |
| Price: | Around € 32 000 |
| Seating capacity: | 4 |
| Size: | L 348 cm, W 159 cm, H 159 cm |
| Weight: | 1 195 kgs |
| Cargo volume: | 166 L |
| Permitted load: | 255 kgs |
| Battery type: | Lithium |
| Battery capacity: | 16 kWh |
| Drive system power: | 47 kW |
| Charging time: | 6 h |
| Charging time, fast charge: | 80 % of capacity in 30 minutes with 3-phase 220 V |
| Range: | 150 kms according to EU test cycle |
| Top speed: | 130 km/h |
| Safety: | Four stars in Euro NCAP. twin airbags in front, side-airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Shares technology with Citroën C-Zero and Mitsubishi iMiEV (see these). Battery warranty 5 years/50 000 kms. |
| More information: | www.thegreencarwebsite.co.uk/blog/index.php/2010/04/21/peugeots-electric-ion-to-go-on-sale-end-of-2010/ |
| Official website: | www.peugeot.com ; |
| Contact information: | Peugeot |

Pininfarina



| | |
|------------------------------------|--|
| Model: | Blue Car |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | Italy |
| Produced from: | 2011 |
| Price: | - |
| Seating capacity: | 4 |
| Size: | L 365 cm, W 172 cm, H 160 cm |
| Weight: | - |
| Cargo volume: | 200 L |
| Permitted load: | 300 kgs |
| Battery type: | Lithium-polymer |
| Battery capacity: | 30 kWh, 410 V |
| Drive system power: | 50 kW |
| Charging time: | 3-4 h |
| Charging time, fast charge: | - |
| Range: | 250 km |
| Top speed: | 130 km/h (electronically limited) |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags and anti-lock brakes standard, traction control system probably not available. |
| Remarks: | Initially leased for around €500/month, full series production in 2012 after delays due to Pininfarina's new owner situation. Will be available for short term rental in Paris. |
| More information: | www.auto-future.blogspot.com/2008/10/ev-future-pininfarina-b-zero.html www.fashionfunky.com/2008/10/pininfarina_electric_car_b_zer.php |
| Official website: | www.pininfarina.com ; www.bluecar.fr |
| Contact information: | Véhicules Électriques Pininfarina Bolloré, Tour Bolloré, 31-32, quai de Dion-Bouton, F-928 11 Puteaux cedex, tel +33-1 46 96 17 04, fax +33-1 46 96 17 05, vepb@bolloré.net |

Renault



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|------------------------------------|--|
| Model: | Fluence ZE |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | Turkey |
| Produced from: | June 2011 |
| Price: | Around € 27 000, excluding batteries (€ 80/month) |
| Seating capacity: | 5 |
| Size: | L 475 cm, W 181 cm, H 146 cm |
| Weight: | 1 543 kgs |
| Cargo volume: | 300 L |
| Permitted load: | 418 kgs |
| Battery type: | Lithium (400 V) |
| Battery capacity: | 22 kWh |
| Drive system power: | 70 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | 20 min, also battery change |
| Range: | 160 kms |
| Top speed: | 135 km/h |
| Safety: | Four stars in Euro NCAP. Twin airbags in front, side airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Built for rapid battery exchange at special Better Place stations. Not cold climate-specification. |
| More information: | http://www.gronabilister.se/elfluence http://www.thegreencarwebsite.co.uk/blog/index.php/2011/07/08/test-driven-fluence-z-e-and-kangoo-z-e/ |
| Official website: | www.renault-ze.com |
| Contact information: | Renault Sweden, box 1028, 164 21 Kista, Fredrik Wigelius, 076-11 99 275, fredrik.wigelius@renault.com ; www.renault.se Renault - RBI Norway AS, Postboks 6843 Rodeløkka, 0504 Oslo, tel 23 37 61 00, kundeservice@renault.no |

Renault



| | |
|------------------------------------|--|
| Model: | Zoe |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | France |
| Produced from: | Late 2012 |
| Price: | Max € 15 000, excluding batteries (€ 80/month) |
| Seating capacity: | 5 |
| Size: | L 409 cm, W 179 cm, H 154 cm |
| Weight: | 1 400 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium (400 V) |
| Battery capacity: | 22 kWh |
| Drive system power: | 60 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | 30 min |
| Range: | 160 kms |
| Top speed: | 135 km/h |
| Safety: | Not crash tested by Euro NCAP. Twin airbags in front, side airbags, anti-lock brakes and traction control system standard. |
| Remarks: | May also be available for Better Place battery exchange. Will be sold in most main European markets in 2013. Three-door version most likely put on hold. |
| More information: | http://www.carmagazine.co.uk/News/Search-Results/Industry-News/Renault-Zoe-electric-car-to-cost-13000-in-UK/ |
| Official website: | www.renault-ze.com |
| Contact information: | Renault Sweden, box 1028, 164 21 Kista, Fredrik Wigelius, 076-11 99 275, fredrik.wigelius@renault.com ; www.renault.se Renault - RBI Norway AS, Postboks 6843 Rodeløkka, 0504 Oslo, tel 23 37 61 00, kundeservice@renault.no |

Rimac



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|------------------------------------|---|
| Model: | Concept_One |
| Vehicle class: | Passenger vehicle1, factory built EV |
| Country of manufacture: | Croatia |
| Produced from: | Late 2012 |
| Price: | USD 1 million |
| Seating capacity: | 2 |
| Size: | - |
| Weight: | 1950 kgs |
| Cargo volume: | - |
| Permitted load: | Ca 200 kgs |
| Battery type: | Lithium-ion |
| Battery capacity: | - |
| Drive system power: | 794 kW |
| Charging time: | - |
| Charging time, fast charge: | - |
| Range: | 600 kms |
| Top speed: | 305 km/h |
| Safety: | Not crash tested by Euro NCAP or equivalent, safety equipment not yet specified. |
| Remarks: | Electric motor in each wheel. 88 cars to be built. |
| More information: | http://www.automotorsport.se/artiklar/?id=150803 |
| Official website: | Www.rimac-automobili.com http://salamanderian.com/ |
| Contact information: | Rimac Automobili d.o.o., Industrijska 13, 10431 Sveta Nedelja, Croatia, +385 1 563 4592, fax: +385 1 333 6698, info@rimac-automobili.com |

Shenzhen Greenwheel



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|------------------------------------|--|
| Model: | GW03-A20L51-01 |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | - |
| Seating capacity: | 5 |
| Size: | L 429 cm, W 172 cm, H 173 cm |
| Weight: | 1626 kgs |
| Cargo volume: | - |
| Permitted load: | 300 kgs |
| Battery type: | Lithium |
| Battery capacity: | 318 V, 100 Ah |
| Drive system power: | - |
| Charging time: | - |
| Charging time, fast charge: | - |
| Range: | 200 km |
| Top speed: | 139 km/h |
| Safety: | Not crash tested in Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Front-wheel drive. Sold in Latin America, The Middle East, Africa and China. |
| More information: | http://www.globalsources.com/greenwheel.co |
| Official website: | www.gfulu.com |
| Contact information: | Shenzhen Greenwheel Electric Vehicle Co.ltd, Ludifangzhou Industry Zone, Gongming Street, Guangming New District, Shenzhen, Guangdong, 518057 China, tel +86-755 8179 5575, fax +86-7558179 5596 |

Shifeng



| | |
|------------------------------------|---|
| Model: | GD04A or GD04B |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | - |
| Seating capacity: | 4/5 |
| Size: | L 326 cm, W 145 cm, H 150 cm |
| Weight: | 920/1000 kgs |
| Cargo volume: | - |
| Permitted load: | 300 kgs |
| Battery type: | Lead |
| Battery capacity: | 48/60 V, 260 Ah |
| Drive system power: | 4 kW 48 V AC |
| Charging time: | 12 h |
| Charging time, fast charge: | - |
| Range: | 100/150 kms in 35km/h |
| Top speed: | 50 km/h |
| Safety: | Not crash tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | EEC-approved. |
| More information: | http://akamai.globalsources.com.edgesuite.net/f/593/3445/5d/pdt.static.globalsources.com/IMAGES/PDT/SPEC/632/K1005617632.pdf |
| Official website: | www.gfulu.com |
| Contact information: | Info@gfulu.com |

Smart



| | |
|------------------------------------|---|
| Model: | Smart ED |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | Germany |
| Produced from: | 2008, renewed in 2009 and 2012 |
| Price: | € 18 910, Cabrio € 22 000, batteries € 65/month |
| Seating capacity: | 2 |
| Size: | L 270 cm, W 156 cm, H 156 cm |
| Weight: | 900 kgs (Cabrio 920 kgs) |
| Cargo volume: | 220-340 l (unchanged) |
| Permitted load: | 250 kgs (Cabrio 230 kgs) |
| Battery type: | Lithium |
| Battery capacity: | 16,5 kWh, 17,6 kWh from 2012 |
| Drive system power: | 55 kW |
| Charging time: | 7 h, 6 h with wall charger (€ 2900) |
| Charging time, fast charge: | 1 h (400 V, 22 kW) |
| Range: | 145 kms (NEDC), 15,1 kWh/100 km |
| Top speed: | 125 km/h |
| Safety: | Base car has four stars in Euro NCAP. Twin airbags front, side airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Cars leased in Berlin, Hamburg, Rome, Milano, Pisa and Madrid. 1500 cars to be sold in 2011, 10 000 2012, på 30 marknader. Från 2012 med starkare motor från Bosch. |
| More information: | http://www.envymotors.co.uk/smart-ed-electric.html http://www.automotiveworld.com/news/powertrain/82522-north-america-smart-fortwo-ed-sales-to-begin-in-q3 http://www.automotorsport.se/artiklar/nyheter/20110816/nya-smart-fortwo-electric-blir-snabbare |
| Official website: | www.smart.com www.smart.se |
| Contact information: | Mercedes-Benz Sweden AB, Box 50531, 202 50 Malmö, Sweden. Tel +46-40 671 8484, fax +46-40 671 8485, info-malmoe@daimler.com |

Solaris



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|------------------------------------|---|
| Model: | Elettra |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | Ethiopia |
| Produced from: | 2011 |
| Price: | USD 12 000, USD 15 000 |
| Seating capacity: | 4 |
| Size: | - |
| Weight: | 1400 kgs |
| Cargo volume: | 200 L |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | - |
| Charging time: | 12 h |
| Charging time, fast charge: | Not available |
| Range: | 200 kms |
| Top speed: | 80 km/h |
| Safety: | Not crash tested in Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | 30 cars to be built per week. Chinese-Italian owners. Body from South Korea. |
| More information: | http://www.ethiopianreview.com/news/53392 http://green.autoblog.com/2010/04/02/solaris-elettra-sparks-electric-car-interest-in-ethiopia/ http://www.facebook.com/pages/Solaris-Elettra-Ethiopias-First-Electric-Car/113559971994691 |
| Official website: | - |
| Contact information: | Freestyle PLC, Legetafo, Addis Ababa, Etiopien |

Subaru



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|------------------------------------|--|
| Model: | R1e |
| Vehicle class: | Passenger vehicle , factory built electric vehicle |
| Country of manufacture: | Japan |
| Produced from: | 2006 |
| Price: | - |
| Seating capacity: | 2 |
| Size: | L 329 cm, W 148 cm, H 151 cm |
| Weight: | 1 060 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium, 346 V |
| Battery capacity: | 9,2 kWh |
| Drive system power: | 40 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | 80 % on 15 min with special rapid charger |
| Range: | 80 km |
| Top speed: | 100 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Twin airbags in front and anti-lock brakes standard, traction control system not available. |
| Remarks: | Used by New York Power Authority and Tepco in Japan. Not sold to the general public. Based on Subaru R1. |
| More information: | www.fhi.co.jp/english/contents/pdf_en_46430.pdf www.theautandannel.com/news/2008/03/20/081594.html |
| Official website: | www.subaru.com |
| Contact information: | Subaru Nordic AB, Torbornavägen 15, Box 15003, 253 68 Helsingborg, Sweden, tel +46-42 490 49 00, tpossling@subaru.se |

Subaru



| | |
|------------------------------------|---|
| Model: | Stella |
| Vehicle class: | Passenger vehicle, factory built plug-in hybrid |
| Country of manufacture: | Japan |
| Produced from: | 2009 |
| Price: | 4 725 000 yen |
| Seating capacity: | 5 |
| Size: | L 340 cm, W 147 cm, H 166 cm |
| Weight: | 1 060 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium, 346 V |
| Battery capacity: | 9,2 kWh |
| Drive system power: | 47 kW |
| Charging time: | 8 h (100 V) |
| Charging time, fast charge: | 80 % on 15 min with special rapid charger |
| Range: | 90 km |
| Top speed: | 100 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Twin airbags in front and anti-lock brakes standard. Traction control system not available. |
| Remarks: | Sold in Japan from June 2009. Production likely to end in 2011. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/12/30/electric-vehicle-production-may-be-suspended/ |
| Official website: | www.subaru.com www.subaru.se |
| Contact information: | Subaru Nordic AB, Torbornavägen 15, Box 15003, 253 68 Helsingborg, Sweden, tel +46-42 490 49 00, tpossling@subaru.se |

Tata



| | |
|------------------------------------|--|
| Model: | Indica Vista Electric |
| Vehicle class: | Passenger car, battery powered. Converted from diesel/petrol to electric. Base car: Tata Indica |
| Country of manufacture: | India/Great Britain |
| Produced from: | 2009 |
| Price: | Around € 30 000 |
| Seating capacity: | 4 |
| Size: | L 380 cm, W 170 cm, H 149 cm |
| Weight: | 1 290kgs, out of which batteries 240 kgs |
| Cargo volume: | 200 L |
| Permitted load: | Around 300 kgs |
| Battery type: | Lithium-polymer |
| Battery capacity: | 26,5 kWh |
| Drive system power: | 55 kW |
| Charging time: | 8 h (6,5 h to 80 %), 1-phase, maximum 13,5 A |
| Charging time, fast charge: | Not available |
| Range: | 200 km |
| Top speed: | 110 km/h |
| Safety: | Not tested by Euro NCAP. twin airbags in front and anti-lock brakes standard. Traction control system not available. |
| Remarks: | Manufactured from 2012 for the EU market in Great Britain, production in Norway by Miljocar Grenland AS previously planned. Data partially for Norwegian model. Electric version of Tata Nano planned. |
| More information: | http://www.coventrytelegraph.net:80/news/coventry-news/2010/11/13/tata-s-first-electric-car-is-produced-in-coventry-92746-27651111/#ixzz15XUooh3Y www.vicky.in/straightfromtheheart/tatas-indica-electric-to-run-for-200kms-at-single-charge/ http://www.automotiveworld.com/news/environment/83312-india-tata-to-launch-evs-in-europe-this-fiscal-year |
| Official website: | www.tatamotors.com |
| Contact information: | Tata Motors, Bombay House, 24 Homi Mody Street, Mumbai 400 001, India, tel +91-22 6656 1676, rbc@tatamotors.com |

Tesla



| | |
|------------------------------------|---|
| Model: | Roadster 2.5 |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | USA (parts from Great Britain) |
| Produced from: | 2009 |
| Price: | € 84 000, Roadster Sport € 99 000 |
| Seating capacity: | 2 |
| Size: | L 395 cm, W 185 cm, H 113 cm |
| Weight: | 1 240 kgs |
| Cargo volume: | "Golf bag fits" |
| Permitted load: | Ca 200 kgs |
| Battery type: | Lithium |
| Battery capacity: | 53 kWh |
| Drive system power: | 185 kW |
| Charging time: | 7 h |
| Charging time, fast charge: | 3 h with special charger |
| Range: | 340 km |
| Top speed: | 210 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Two airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Parts of the manufacturing done by Lotus in Great Britain. Production ends in 2012. |
| More information: | www.onelectriccars.com/category/tesla-motors/tesla-roadster/ www.autobloggreen.com/category/tesla-motors/ http://www.fastcompany.com/1762746/the-end-of-an-era-tesla-roadster-to-be-discontinued?utm_medium=Email&utm_source=ExactTarget&utm_campaign=%202011_07_news |
| Official website: | www.teslamotors.com |
| Contact information: | Tesla Motors, Bredgade 35, 1260, København C, Denmark, tel +45 3311 0362, mocar +45 3110 3908, epedersen@teslamotors.com , www.teslamotors.com |

Tesla



| | |
|------------------------------------|---|
| Model: | Model S |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | USA and Great Britain |
| Produced from: | 2011/2012 |
| Price: | USD 57 000, USD 67 000 with larger battery |
| Seating capacity: | 5+2 (rearfacing child seat in luggage compartment) |
| Size: | L 498 cm, W 223 cm, H 144 cm |
| Weight: | 1 735 kgs |
| Cargo volume: | Max 1 047 l |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 40, 60 or 85 kWh |
| Drive system power: | 290 kW |
| Charging time: | 1-16 h |
| Charging time, fast charge: | 45 min with special charger. Battery exchange in five minutes. |
| Range: | 260, 370 or 480 km, depending on battery size. 17,7 kWh/100 kms |
| Top speed: | 210 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Two airbags front, side airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Signature-model delivered in 2012. More than 8 000 ordered in mid-2012. Production plan for 2013 20 000 cars. 4wd Model X planned for 2013. |
| More information: | http://www.automotorsport.se/nyhetsbrev/news/22087/tesla-s-kommer-2012--and-den-blir-billig/ http://www.torquenews.com/106/tesla-model-s-pricing-announced-ranging-57-77k http://www.fastcompany.com/1762746/the-end-of-an-era-tesla-roadster-to-be-discontinued?utm_medium=Email&utm_source=ExactTarget&utm_campaign=%202011_07_news |
| Official website: | www.teslamotors.com |
| Contact information: | Tesla Motors, 1050 Bing Street, San Carlos, California 94070, USA, tel +1-650 413 6200 (European Sales) |

Tong Yong



| | |
|------------------------------------|---|
| Model: | Tong Yong |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | South Korea |
| Produced from: | 2010 |
| Price: | USD 7 000 |
| Seating capacity: | 4 |
| Size: | L 335 cm, W 171 cm, H 147 cm |
| Weight: | 750 kgs |
| Cargo volume: | 1,4 x 1,4 x 1,2 m |
| Permitted load: | 200 kgs |
| Battery type: | Lithium |
| Battery capacity: | 72 V, 200 AH |
| Drive system power: | 6.5 kW 72 V AC |
| Charging time: | 8-10 h |
| Charging time, fast charge: | - |
| Range: | 130 km |
| Top speed: | 100 km/h |
| Safety: | Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | Batteries guaranteed for 500 charges. Approved for the EEC. More than 20 000 manufactured. Portuguese importer. |
| More information: | - |
| Official website: | www.biocar.com.sapo.pt (Portugal) |
| Contact information: | Young Hwa Corp., 727-2 Hapjung-Dong, Pyungtaek City, Kyunggi-Do, 450-020, R.O. Korea, tel : 031-6181104, lcd6958@naver.com |

Toyota



| | |
|------------------------------------|---|
| Model: | Prius plug-in hybrid |
| Vehicle class: | Passenger vehicle, factory built plug-in hybrid |
| Country of manufacture: | Japan |
| Produced from: | 2012 |
| Price: | € 36 000 |
| Seating capacity: | 5 |
| Size: | L 448 cm, W 175 cm, H 149 cm |
| Weight: | - |
| Cargo volume: | Almost as base car |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 72 V, 200 AH |
| Drive system power: | Electric motor 60 kW, petrol engine 73 kW, total 100 kWmax |
| Charging time: | 90 min (230 V, 16 A) |
| Charging time, fast charge: | Not available |
| Range: | Up to 25kms in EV mode |
| Top speed: | 180 km/h, 85 km/h in EV mode |
| Safety: | 5 stars in Euro NCAP. Twin airbags in front, side airbags, anti-lock brakes, traction control system standard. |
| Remarks: | 50 000 to be built in 2012. Several changes compared to preseries version (600 cars). |
| More information: | http://www.automotiveworld.com/news/environment/88245-us-toyota-confirms-rav4-ev-marketing-plans www.gronabilister.se/prius-plug-in hybrid |
| Official website: | www.toyota.com/plugin |
| Contact information: | Toyota, Japan |

Toyota



| | |
|------------------------------------|---|
| Model: | RAV4 EV |
| Vehicle class: | Passenger vehicle, factory builtEV |
| Country of manufacture: | USA |
| Produced from: | 2012 |
| Price: | USD 49 800 |
| Seating capacity: | 5 |
| Size: | L 458 cm, W 182 cm, H 168 cm |
| Weight: | 1 829 kgs |
| Cargo volume: | As base car |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 41,8 kWh |
| Drive system power: | 112 kW |
| Charging time: | 12 h (16 A, 240 V) |
| Charging time, fast charge: | 6 h (40 A) |
| Range: | 160 kms |
| Top speed: | 160 km/h |
| Safety: | Not tested by Euro NCAP. Twin airbags in front, side airbags, anti-lock brakes, traction control system standard. |
| Remarks: | Developed with Tesla, mainly for the Californian market. 900 to be built in three years. |
| More information: | http://www.automotiveworld.com/news/environment/88245-us-toyota-confirms-rav4-ev-marketing-plans www.gronabilister.se/prius-plug-in hybrid |
| Official website: | www.toyota.com/plugin |
| Contact information: | Toyota, Japan |

Venturi



| | |
|------------------------------------|--|
| Model: | Fetish |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | Monaco |
| Produced from: | 2010 |
| Price: | € 300 000 |
| Seating capacity: | 2 |
| Size: | L 394 cm, W 188 cm, H 118 cm |
| Weight: | 1 225 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium-polymer |
| Battery capacity: | 54 kWh |
| Drive system power: | 220 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | 3 h |
| Range: | 340 kms at steady 90 km/h |
| Top speed: | 200 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Traction control system standard. Anti-lock brakes and airbags not available. |
| Remarks: | Manufactured in a first series of 25 cars. |
| More information: | www.en.wikipedia.org/wiki/Venturi_Fétish |
| Official website: | www.venturicars.com |
| Contact information: | Venturi Automobiles, Gildo Pastor Center, 7 rue du Gabian, 98 000 Monaco, tel +377-9999 5200, fax +377 9999 5323, info@venturi.fr |

Volvo



| | |
|------------------------------------|--|
| Model: | C30 Electric |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | Sweden |
| Produced from: | 2011 |
| Importer in Sweden: | Volvo |
| Price: | Not sold, leased to chosen customers, at around € 1500/month |
| Seating capacity: | 4 |
| Size: | L 425 cm, W 178 cm, H 145 cm |
| Weight: | 1 660 kgs |
| Cargo volume: | 433 L, 947 L with rear seat folded |
| Permitted load: | 284 kgs |
| Battery type: | Lithium |
| Battery capacity: | 24 kWh |
| Drive system power: | 82 kW |
| Charging time: | 6.5 hrs 1-phase, 16 A 230 V |
| Charging time, fast charge: | - |
| Range: | 150 km |
| Top speed: | 130 km/h |
| Safety: | Five stars in previous Euro NCAP (for petrol version). Twin airbags in front, side airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Production stops in late 2012. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2011/02/11/first-drive-of-the-volvo-c30-electric/ |
| Official website: | http://www.volvocars.com |
| Contact information: | Volvo Personvagnar, 405 31 Göteborg. Sweden, Bo Larsen, press officer, +46-3 325 25 68, +46-733-33 30 20, blarsen3@volvocars.com, Johan Konnberg, jkonnber@volvocars.com, +46-31-32 56 415, www.volvocars.com |

Volvo



| | |
|------------------------------------|--|
| Model: | V60 Plug-in Hybrid |
| Vehicle class: | Passenger car, factory built plug-in hybrid |
| Country of manufacture: | Sweden |
| Produced from: | 2012 |
| Importer in Sweden: | Volvo |
| Price: | SEK 559 900 |
| Seating capacity: | 5 |
| Size: | L 463 cm, W 186 cm, H 148 cm |
| Weight: | Ca 1 800 kgs |
| Cargo volume: | 304 l, 1 120 l with rear seat folded |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 11,2 kWh |
| Drive system power: | 50 kW (diesel engine 206 kW) |
| Charging time: | 4.5 hrs 1-phase, 16 A 230 V |
| Charging time, fast charge: | - |
| Range: | 50 km in EV mode, 1,9 l/100 km (NEDC), 49 g CO2/km |
| Top speed: | 230 km/h, 120 km/h in EV mode |
| Safety: | Five stars in Euro NCAP (for petrol version). Twin airbags in front, side airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Diesel hybrid, can be driven only on electricity (rear wheels), only diesel (front wheels) or both (4WD). First 1000 cars delivered in late 2012. Developed with Vattenfall. |
| More information: | http://www.teknikensvarld.se/2011/12/13/26908/volvo-v60-plug-in-hybrid-officiell--pris-och-fakta/ |
| Official website: | http://www.volvocars.com |
| Contact information: | Volvo Personvagnar, 405 31 Göteborg. Sweden, Bo Larsen, press officer, +46-3 325 25 68, +46-733-33 30 20, blarsen3@volvocars.com, Johan Konnberg, jkonnber@volvocars.com, +46-31-32 56 415, www.volvocars.com |

Wheego



| | |
|------------------------------------|--|
| Model: | Whip, Whip LiFe |
| Vehicle class: | Passenger vehicle. Whip Low-Speed Vehicle in the USA |
| Country of manufacture: | USA |
| Produced from: | September 2010 |
| Price: | USD 32 995, LSV USD 18 995 |
| Seating capacity: | 2 |
| Size: | L 301 cm, W 161 cm, H 160 cm |
| Weight: | 1 210 kgs |
| Cargo volume: | 600 L |
| Permitted load: | 214 kgs |
| Battery type: | Lithium-iron-phosphates |
| Battery capacity: | Whip 16 kWh, Whip LiFe 30 kWh |
| Drive system power: | Peak 44 kW |
| Charging time: | 8-10 h 1-phase, 18 A 230 V, 5 h from 50 to 100 % |
| Charging time, fast charge: | - |
| Range: | Whip 65 kms in 40 km/h, Whip LiFe 160 km |
| Top speed: | Whip 55 km/h, Whip LiFe 105 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Twin airbags in front, anti-lock brakes standard, traction control system not available. |
| Remarks: | Manufacturer bids to sell 100 Wheego to the White House. Sold in the US through dealer network. |
| More information: | http://video.foxbusiness.com/v/4331140/affordable-electric-all-american-whip-/?playlist_id=87247 http://www.autoevolution.com/news/white-house-to-buy-100-wheego-life-electric-cars-24835.html |
| Official website: | www.wheego.net |
| Contact information: | Wheego Electric Cars, Inc. 888 3rd Street NW, Suite A, Atlanta, GA 30318, USA, tel +1-678 904 4795, susan@wheego.net , jboyd@wheego.net |

ZAP



| | |
|------------------------------------|---|
| Model: | A380 |
| Vehicle class: | Passenger vehicle, converted from petrol |
| Country of manufacture: | China |
| Produced from: | June 2011 |
| Price: | - |
| Seating capacity: | 5 |
| Size: | L 371 cm, W 183 cm, H 171 cm |
| Weight: | 1 115 kgs |
| Cargo volume: | - |
| Permitted load: | 250 kgs |
| Battery type: | Lithium |
| Battery capacity: | 36 kWh, 100 AH, 120 V |
| Drive system power: | 60 kW, AC, 216 V |
| Charging time: | 12 h 1-phase, 18 A 230 V |
| Charging time, fast charge: | Rapid charger optional, no information on charging time |
| Range: | 200 kms in constant 40 km/h, 160 kms mixed, 18kWh/100 km |
| Top speed: | 120 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Safety equipment not final. |
| Remarks: | Based on Chinese Jonway A-380. Previously known as Taxi. |
| More information: | http://www.youtube.com/watch?v=ILbEW5CfpkM |
| Official website: | www.zapworld.com ; www.sinozap.com |
| Contact information: | ZAP Headquarters, 501 Fourth Street, Santa Rosa, CA 95401, USA. Tel +1-707-525-8658, +1-800-251-4555 ZAp Hangzhou Electric Vehicle Co Ltd, 181 Wuchang Av, Yuhang Distr, Hangzhou 310023, PRC, tel +86-571 8930 1088/1818, fax +86 571 8930 1118, sinozap@sinozap.com |

ZAP



| | |
|------------------------------------|---|
| Model: | Zapvan Shuttle |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | China/USA |
| Produced from: | 2009 |
| Price: | . |
| Seating capacity: | 4 |
| Size: | L 360 cm, W 160 cm, H 167 cm |
| Weight: | Ca 950 kgs |
| Cargo volume: | |
| Permitted load: | 290 kgs |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | 100 AH, 120 V |
| Drive system power: | 6 kW, DC, 72 V, also with 26 kW motor |
| Charging time: | 12 h 1-phase, 18 A 230 V |
| Charging time, fast charge: | Rapid charger optional, no information on charge time |
| Range: | 65 kms |
| Top speed: | 40 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Traction control system, anti-lock brakes and airbags not available. |
| Remarks: | - |
| More information: | http://www.zapworld.com/files/Updated%20content/new%20layout%20pages/ZAP_xebrasince_slick.pdf http://www.zapworld.com/files/Updated%20content/new%20layout%20pages/specsheet_zapvan-shuttle.pdf |
| Official website: | www.zapworld.com/ |
| Contact information: | ZAP Headquarters, 501 Fourth Street, Santa Rosa, CA 95401, USA. Tel +1-707-525-8658, +1-800-251-4555 |

ZAP



| | |
|------------------------------------|--|
| Model: | Alias |
| Vehicle class: | Factory built electric vehicle. In the USA three-wheel motorcycle |
| Country of manufacture: | USA |
| Produced from: | September 2011 |
| Price: | USD 38 500 |
| Seating capacity: | 3 |
| Size: | L 411 cm, W 183 cm, H 130 cm |
| Weight: | 980 kgs |
| Cargo volume: | |
| Permitted load: | 200 kgs |
| Battery type: | Lithium |
| Battery capacity: | 32 kWh |
| Drive system power: | 37 kW, AC, 216 V |
| Charging time: | 12 h 1-phase, 18 A 230 V |
| Charging time, fast charge: | Rapid charger optional, no information on charging time |
| Range: | 160 kms |
| Top speed: | 140 km/h (electronically limited, otherwise 160 km/h) |
| Safety: | Fulfills motorcycle-legislation, safety cage and seat belts. |
| Remarks: | Can be ordered for USD 99, production planned for autumn of 2011. |
| More information: | http://www.youtube.com/watch?v=h7rQE4pyID0 |
| Official website: | www.zapworld.com/ |
| Contact information: | ZAP Headquarters, 501 Fourth Street, Santa Rosa, CA 95401, USA. Tel +1-707-525-8658, +1-800-251-4555 |

1.2 Light vehicles

Bad Boy Buggies



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|------------------------------------|--|
| Model: | LT, Classic, XT |
| Vehicle class: | Four-wheel motorcycle, Low speed vehicle. Factory built electric vehicle |
| Country of manufacture: | USA |
| Produced from: | 2010 |
| Price: | LT: USD 7 250 Classic: USD 9 995 XT: USD 11 995 |
| Seating capacity: | 2 |
| Size: | L 285 cm, W 140 cm, H 213cm |
| Weight: | 750 kgs |
| Cargo volume: | - |
| Permitted load: | 450 kgs |
| Battery type: | Lead |
| Battery capacity: | (8x6V) |
| Drive system power: | 29 kW |
| Charging time: | 8-10 h |
| Charging time, fast charge: | Not available |
| Range: | 35-50 km |
| Top speed: | 30 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, traction control system and anti-lock brakes not available. |
| Remarks: | Classic and XT are 4WD, with two electric motors (front and rear). The batteries have a life span of 3-5 year. Longer version, Stretch, also available. |
| More information: | - |
| Official website: | http://www.badboybuggies.com/ |
| Contact information: | Bad Boy Enterprises, LLC, 199 Highway 61 South, Natchez, MS39120, USA +1-866 678 6701, info@badboybuggies.com |

Baoya



| | |
|------------------------------------|--|
| Model: | BY-E-CAR-01 (FA4A) |
| Vehicle class: | Passenger car, battery powered. In the USANEV. |
| Country of manufacture: | China |
| Produced from: | 2009 |
| Price: | USD 6 350, Lithium battery USD 10 500 |
| Seating capacity: | 2 |
| Size: | L 263 cm, W 159 cm, H 147 cm |
| Weight: | 518 kgs (out of which batteries 138 kgs) |
| Cargo volume: | |
| Permitted load: | 500 kgs |
| Battery type: | Lead (maintenance free), Lithium optional |
| Battery capacity: | 160 AH, 60 V |
| Drive system power: | 4 kW AC, 60 V |
| Charging time: | 8-10 h 1-phase, 18 A 230 V |
| Charging time, fast charge: | - |
| Range: | 160 km |
| Top speed: | 80 km/h |
| Safety: | Anti-lock brakes optional (USD 260), other safety equipment not available. |
| Remarks: | Lead batteries guaranteed for 800 charges, Lithium for 2000 charges. |
| More information: | http://www.baoya-ev.com/Products/show.asp?i=45 |
| Official website: | www.baoya-ev.com |
| Contact information: | Shandong Baoya New Energy Vehicle Co., Ltd, evehicle@yahoo.cn; sdbaoya@126.com |

Bensur



| | |
|------------------------------------|---|
| Model: | Sole Kiki |
| Vehicle class: | Factory built electric vehicle, in the EU L7e |
| Produced from: | 2010 |
| Country of manufacture: | China/Italy |
| Produced from: | Oktober 2010 |
| Price: | € 12 500 |
| Seating capacity: | 2 or 2+2 (optional) |
| Size: | L 250 cm, W 181 cm, H 153 cm |
| Weight: | 810 kgs (out of which batteries 260 kgs) |
| Cargo volume: | 180 L |
| Permitted load: | 170 kgs |
| Battery type: | Lead (maintenance free) or Lithium |
| Battery capacity: | 72 V 150 Ah |
| Drive system power: | 6,5 kW |
| Charging time: | 8-10 h (230 V, 16 A) |
| Charging time, fast charge: | Optional, 4.5 h |
| Range: | 130 kms (lead), 250 kms (Lithium) |
| Top speed: | 55 km/h (depending on national specification) |
| Safety: | Not crash tested by Euro NCAP or equivalent. Airbags optional. Anti-lock brakes, traction control system not available. |
| Remarks: | Approved for the EEC. Partially developed in Italy. |
| More information: | - |
| Official website: | http://www.bensursrl.it/ |
| Contact information: | Bensur Innovazione e Technology, Via saracinello, 19 croce valanidi, Reggio Calabria, Italy, bensursrl@hotmail.com, bensursrl@hotmail.it; |

City-El



| | |
|------------------------------------|---|
| Model: | City-El FactFour |
| Vehicle class: | Factory built electric vehicle. Can be registered as three-wheeled motorcycle or EU moped, in Norway also as light motorcycle. |
| Country of manufacture: | Germany |
| Produced from: | 1987 (Denmark) |
| Price: | € 9 999 exklusive batteries, batteries € 1 599 – 2 999 |
| Seating capacity: | 1, rear facing child seat as extra |
| Size: | L 274 cm, W 106 cm, H 126 cm |
| Weight: | 22-260 kgs |
| Cargo volume: | - |
| Permitted load: | 120 kgs |
| Battery type: | Lithium |
| Battery capacity: | 3x100 Ah or 4x80 Ah |
| Drive system power: | 4,5 kW |
| Charging time: | 10 h |
| Charging time, fast charge: | 1,5 h |
| Range: | 60-120 kms |
| Top speed: | 45-63 km/h, depending on version |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. Crash test done by manufacturer. |
| Remarks: | Previously manufactured in Denmark, as Mini-El. 6 000 built. Available with soft top and hard top. Three-wheeler. Battery lifetime 70 000 km, 6-8 years. Delivery time around 8 weeks from factory. |
| More information: | www.en.wikipedia.org/wiki/CityEl www.3greenwheels.blogspot.com/2007/04/cityel.html |
| Official website: | www.smiles-world.de ; http://smiles-world.dk/ |
| Contact information: | Citycom AG, Industriestr 5-9, D-97 239 Aub, Germany, tel +49-9335 97 17 0, fax +49-9335 97 28 Smiles ApS Vagtelvej 7, 5610 Assens, tel +45-64 71 52 22, info@smiles-world.dk |

CT&T



| | |
|------------------------------------|---|
| Model: | E-Zone |
| Vehicle class: | Factory built electric vehicle., in the USANEV |
| Country of manufacture: | South Korea |
| Produced from: | 2010 |
| Price: | |
| Seating capacity: | 2 |
| Size: | L 257 cm, W 144 cm, H 156 cm |
| Weight: | 520 kgs without batteries |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead (maintenance free) , Lithium-polymer optional |
| Battery capacity: | 12 V 100 Ah |
| Drive system power: | 7 kW, 72 V |
| Charging time: | 4-6 h (230 V, 16 A) |
| Charging time, fast charge: | Only for Lithium-batteries |
| Range: | Lead 50-70 km, Lithium 100-110 km |
| Top speed: | 70 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbag on driver's side optional, other safety equipment not available. Fullfills ECE R-12 and R-16 for frontal crash. |
| Remarks: | Also builds golf cars. Production in Sweden (Gotland) previously planned. |
| More information: | http://www.helagotland.se/nyheter/artikel.aspx?articleid=6010986 |
| Official website: | www.ctnt.co.kr |
| Contact information: | Dukmyung, B-Dong, 4-dong, Seando-Gu, Seoul, South Korea, |

Dynasty



| | |
|------------------------------------|--|
| Model: | IT |
| Vehicle class: | Factory built electric vehicle. In the USA Neighbourhood Electric Vehicle (NEV) |
| Country of manufacture: | Canada/Pakistan |
| Produced from: | 2001 |
| Price: | From USD 19 000 (NOK 114 000, SEK 142 500) |
| Seating capacity: | 2/4 |
| Size: | L 357 cm, W 152 cm, H 160 cm |
| Weight: | 653 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead, maintenance free at extra cost |
| Battery capacity: | 4x12V |
| Drive system power: | 4,1 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | Not available |
| Range: | 50 km |
| Top speed: | 40 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Crash tested as a moped in the USA. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Also Sport and Tropic (open top) and Van (with covered sides, no rear seat), and Utility (pick-up). Also under "Transport vehicles". |
| More information: | www.en.wikipedia.org/wiki/Dynasty_EV www.zapyx.com/electric-car-companies/dynasty-electric-car-corporation/ |
| Official website: | www.itiselectric.com |
| Contact information: | Dynasty Electric Vehicle Ltd, tel +1-604 943 2218, dannyep@telus.net, export@karakoramotors.com |

E-Z-GO



| | |
|------------------------------------|--|
| Model: | Clays Car |
| Vehicle class: | Factory built electric vehicle.Motorized working toolclass 2 |
| Country of manufacture: | USA |
| Produced from: | - |
| Price: | From USD 7 150 |
| Seating capacity: | 4 |
| Size: | L 272 cm, W 119 cm, H 124 cm (to the top of the steering wheel) |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | 360 kgs |
| Battery type: | Lead, maintenance free |
| Battery capacity: | 1,9 kWh, 36 V |
| Drive system power: | - |
| Charging time: | - |
| Charging time, fast charge: | - |
| Range: | - |
| Top speed: | 19 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. No special safety equipment. |
| Remarks: | Available in many different versions, including as golf cart. Also with petrol engine. |
| More information: | www.cottonwoodelectric.com/drawings/xi875draw.html www.missiongolfcars.com/newCars-ezgoFeat.aspx |
| Official website: | www.ezgo.com |
| Contact information: | E-Z-GO, 1451 Marvin Griffin Road, Augusta, GA 30906, USA, tel +1-800 241 5855; http://www.ezgo.com/contact-e-z-go.html |

Elemo



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|------------------------------------|--|
| Model: | SAM EV II |
| Vehicle class: | Factory built electric vehicle, motorcycle |
| Country of manufacture: | Germany |
| Produced from: | 2011 |
| Price: | From € 16 600 |
| Seating capacity: | 2 |
| Size: | L 234cm, W 158 cm, H 159 cm |
| Weight: | 500 kgs |
| Cargo volume: | - |
| Permitted load: | 220 kgs |
| Battery type: | Lithium-polymer |
| Battery capacity: | 7 kWh |
| Drive system power: | 20 kW |
| Charging time: | 5 h |
| Charging time, fast charge: | - |
| Range: | Up to 80 km |
| Top speed: | 90 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, traction contro system, anti lock brakes not available. |
| Remarks: | Three wheels. Passenger sits behind the driver. |
| More information: | http://www.youtube.com/watch?v=j7KQEPLrxcg http://www.youtube.com/watch?v=vrhv8OsrakA |
| Official website: | http://www.elemo.eu/index.php?option=com_content&view=article&id=62&Itemid=67 |
| Contact information: | elemo Elektrofahrzeuge, Karsten Kley, Schleinkoferstr. 2A, 76275 Ettlingen, Germany, info.ettlingen@elemo.eu |

Flybo



| | |
|------------------------------------|---|
| Model: | BY-E-CAR-1 |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | |
| Seating capacity: | 2 |
| Size: | L 261 cm, W 155 cm, H 150 cm |
| Weight: | 763 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead |
| Battery capacity: | 6 V 210 Ah |
| Drive system power: | 3 kw, 48 V AC |
| Charging time: | 8-10 h 1-phase, 25 A 230 V |
| Charging time, fast charge: | 60 km/h |
| Range: | 100 km |
| Top speed: | - |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | |
| More information: | |
| Official website: | http://www.flybo.cn/xf/product_new.asp?id=286 |
| Contact information: | Jinan Flybo Motor Co.,Ltd., room D1705 Donghuan Int'l Plaza, Erhuan East Rd, Jinan 250100, China, tel +86-531-83532903, +86-531-83532902, fax +86-531-83532910, flybomt@yahoo.com.cn, |

Fusin



| | |
|------------------------------------|--|
| Model: | Since 2006e:L7e |
| Vehicle class: | Factory builtelectric vehicle, NEV in the USA |
| Country of manufacture: | China |
| Produced from: | 2009 |
| Price: | - |
| Seating capacity: | 4 |
| Size: | L 330 cm, W 146 cm, H 115 cm |
| Weight: | 350 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead |
| Battery capacity: | 6x8 V |
| Drive system power: | 4,2 kW |
| Charging time: | 6-10 h |
| Charging time, fast charge: | Not available |
| Range: | 80 km |
| Top speed: | 42 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | EU approved. |
| More information: | - |
| Official website: | www.fusinmotors.com/electric-cars.html |
| Contact information: | Fusin Motor Sports Co, 2610 Hui Shang International Mansion, 356 Shou Chun Road, Hefei 230061, Anhui, China, tel +86-551 2829 206, fax +86-551 2826 106,info@fusinmotors.com |

GEM - Global Electric Motorcars



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|------------------------------------|---|
| Model: | GEM e2, e4, eS, eL, eLXD |
| Vehicle class: | Factory built electric vehicle. Can be registered as moped, motorcycle or motorized work tool. |
| Country of manufacture: | USA/France |
| Produced from: | - |
| Price: | Around € 10 000-20 000, depending on version |
| Seating capacity: | 4 also as 2- and 6-seater) |
| Size: | L 245-380 cm, W 139-145 cm, H 178-180 cm |
| Weight: | 426 – 790 kgs |
| Cargo volume: | - |
| Permitted load: | 280 – 650 kgs |
| Battery type: | Lead, maintenance free |
| Battery capacity: | 6x12V |
| Drive system power: | 4-5 kW continuous, 9-11 kW peak |
| Charging time: | 6-8 h |
| Charging time, fast charge: | 1 h |
| Range: | 35 – 80 km |
| Top speed: | 43 km/h |
| Safety: | Slow moving vehicle, not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Also as 2 and 6-seater, also with short and long cargo space. Previously owned by Chrysler, now by Polaris Industries , built in France by Matra. Most sold EV in the USA .Also under "Transport vehicles". |
| More information: | www.greencarsite.co.uk/GREENCARS/gem-e4-electric-cars.htm www.autobloggreen.com/2007/01/14/detroit-auto-show-whats-going-on-with-gem/ http://www.thecarelectric.com/content/gem-e6-electric-car-review.php |
| Official website: | www.gemotorcyclecars.com |
| Contact information: | Global Electric Motorcars, 1301 39th Street N, Suite 2, Fargo, ND 58102, USA, tel +1-888 871 4367 |

Gizmo



| | |
|------------------------------------|---|
| Model: | Cozmo |
| Vehicle class: | Factory built electric vehicle. In the USANEV or motorcycle |
| Country of manufacture: | USA |
| Produced from: | 2000 |
| Price: | From USD 6 200 |
| Seating capacity: | 1 |
| Size: | L 242 cm, W 121 cm, H 135 cm |
| Weight: | Ca 350 kgs (depending on batteries) |
| Cargo volume: | 283 L |
| Permitted load: | 100-240 kgs (depending on batteries) |
| Battery type: | Lead |
| Battery capacity: | 48 V DC |
| Drive system power: | 5 kW |
| Charging time: | 8 h (110 V) |
| Charging time, fast charge: | 75%faster (option at USD 400) |
| Range: | 70-140 kms |
| Top speed: | 40 km/h (limited, otherwise 75 km/h) |
| Safety: | Airbags, anti-lock brakes and traction control system not available.Fullfills NHTSA for motorcycles. |
| Remarks: | Batteriesto last 3-5 year. Three-wheeler. |
| More information: | http://www.mlive.com/auto/index.ssf/2009/07/would_you_drive_one_of_these_c.html |
| Official website: | http://www.nevco-ev.com/ |
| Contact information: | Neighborhood Electric Vehicle Company, 4068 Stewart Rd. Eugene, OR 97402, USA, gizmo@nevco-ev.com |

GreenGo



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|------------------------------------|--|
| Model: | Cozmo |
| Vehicle class: | Factory built electric vehicle, NEV in the USA |
| Country of manufacture: | USA/China |
| Produced from: | 2010 |
| Price: | USD 17 995 |
| Seating capacity: | 2 |
| Size: | L 262 cm, W 125 cm, H 152 cm |
| Weight: | 500 kgs |
| Cargo volume: | - |
| Permitted load: | 250 kgs |
| Battery type: | Lead |
| Battery capacity: | 72 V AC |
| Drive system power: | 18 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | Not available |
| Range: | 100-150 kms |
| Top speed: | 40 km/h limited, otherwise 75 km/h |
| Safety: | Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Sold in the USA, in Italy and Mexico. |
| More information: | http://www.mlive.com/auto/index.ssf/2009/07/would_you_drive_one_of_these_c.html |
| Official website: | http://www.ggtelectric.com |
| Contact information: | GreenGo Tek, LLC, 1042 N. Milford Rd. Ste. 103 Milford, MI 48381, +1-248 529-3648, fax +1-248 529-3812, drusso@ggtelectric.com, info@ggtelectric.com, krusso@ggtelectric.com |

Hefei



| | |
|------------------------------------|---|
| Model: | Rosa 2-D |
| Vehicle class: | Factory built electric vehicle, NEV in the USA |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | |
| Seating capacity: | 2 |
| Size: | L 258 cm, W 151 cm, H 178 cm |
| Weight: | 740 kgs including batteries (340 kgs) |
| Cargo volume: | - |
| Permitted load: | 210 kgs |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | 48 V, 225 AH |
| Drive system power: | 3.7 or 4.3 kW 48 V DC |
| Charging time: | 8 h |
| Charging time, fast charge: | - |
| Range: | 80 km |
| Top speed: | 40/45 km/h |
| Safety: | Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | EEC-certified. Glas fibre body, doors optional. Only left-hand drive. |
| More information: | http://cndpmotors.en.alibaba.com/product/314165055-209687531/EEC_certified_electric_car_ROSA_2D.html?tracelog=cgsotherproduct4 |
| Official website: | http://www.cndpmotors.com |
| Contact information: | Hefei Dongpeng Trade Co., Ltd. Qianshuiwan, Hefei Economic Zone, Hefei City, Anhui Province. China, +86-551-5578375, fax +86-551-2152159, dpmotors@126.com |

Hisun



| | |
|------------------------------------|---|
| Model: | HS800UTV |
| Vehicle class: | Factory built electric vehicle, NEV in the USA |
| Country of manufacture: | China |
| Produced from: | 2009 |
| Price: | USD 8 700 |
| Seating capacity: | 2 |
| Size: | L 301 cm, W 146 cm, H 179 cm |
| Weight: | 870 kgs |
| Cargo volume: | 121x103x31 cm |
| Permitted load: | 195 kgs |
| Battery type: | Lead |
| Battery capacity: | 120 AH, 96 V |
| Drive system power: | 10 kW (max 15 kW) |
| Charging time: | 8 h 1-phase, 18 A 230 V |
| Charging time, fast charge: | - |
| Range: | 100 km |
| Top speed: | 63 km/h |
| Safety: | No safety equipment beyond safety belts. |
| Remarks: | Also produces golf carts . EU approved. |
| More information: | - |
| Official website: | www.hsunmotor.com |
| Contact information: | Hisun Group, Chongqing Huansong Industries, Shiyan Industrial Park, Huayan Town, Jiulongpo Distr, Chongqing, China, +86-1582 3169 862, jason@hsunmotor.com |

Kandi



| | |
|------------------------------------|---|
| Model: | KD08E |
| Vehicle class: | Factory built electric vehicle, NEV in the USA |
| Country of manufacture: | China |
| Produced from: | 2008 |
| Price: | USA: USD 8995 |
| Seating capacity: | 2 |
| Size: | L 263 cm, W 155 cm, H 156 cm |
| Weight: | 720 kgs |
| Cargo volume: | - |
| Permitted load: | 180 kgs |
| Battery type: | Lead |
| Battery capacity: | 12 V 210 Ah |
| Drive system power: | 4 kw, 72 V AC USA: 8,5 kW |
| Charging time: | 8-10 h, USA: 6 h |
| Charging time, fast charge: | |
| Range: | 80-100 km, USA 64 km |
| Top speed: | 40 km/h, USA 40 km/h |
| Safety: | No safety equipment beoynd seat belts |
| Remarks: | Rear wheel drive. |
| More information: | - |
| Official website: | www.kandivehicle.com |
| Contact information: | Kandi Investment Group Co.,Ltd,333# Wensan west road hangzhou, Jinhua, Zhejiang, China 310012, tel: +86-571 8826 9757, +86-159 9002 2225,fax +86-571 8826 9736, sales3@kandigroup.com |

Kandi



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|------------------------------------|--|
| Model: | KD18E (Coco) Hardtop |
| Vehicle class: | Factory builtelectric vehicle. In the USA Low Speed Vehicle/NEV |
| Country of manufacture: | China |
| Produced from: | 2008 |
| Price: | USA: USD 10 295 |
| Seating capacity: | 2 |
| Size: | L 263 cm, W 155 cm, H 156 cm |
| Weight: | 720 kgs |
| Cargo volume: | - |
| Permitted load: | 180 kgs |
| Battery type: | Lead |
| Battery capacity: | 12 V 210 Ah |
| Drive system power: | 7.5 kW, 72 V ACUSA: 6/8 kW |
| Charging time: | 8-10 h 1-phase, USA: 6 h |
| Charging time, fast charge: | 40 km/h, USA 40/64 m/h |
| Range: | 80 km, USA version 130 km |
| Top speed: | - |
| Safety: | No safety equipment beyond seat belts. |
| Remarks: | Rear wheel drive. Kandi is one of the world's biggest go-cart-manufacturers. Imported to the USA by Solus International. |
| More information: | http://transportsustainability.cleantechnology-business-review.com/news/kandi_coco_kd18e_ev_qualifies_for_us_2010_10_tax_credit_100427/ http://www.earthtimes.org/articles/press/kandi-technologies-introducing-another-coco,1265458.html |
| Official website: | http://www.kandivehicle.com http://www.electriccars.com/SHOWROOM_1/VIEWcarINFO.cfm?CAR_id=82&AD_type=NEW&SHOWROOMtype=SHRMspecials |
| Contact information: | Kandi Investment Group Co.,Ltd,333# Wensan west road hangzhou, Jinhua, Zhejiang, China 310012, tel: +86-571 8826 9757, +86-159 9002 2225, fax +86-571 8826 9736, sales3@kandigroup.com |

Kurrent



| | |
|------------------------------------|--|
| Model: | Kurrent |
| Vehicle class: | Factory built electric vehicle. in the USA Neighbourhood Electric Vehicle (NEV) |
| Country of manufacture: | USA |
| Produced from: | - |
| Price: | USD 9 800 |
| Seating capacity: | 2 |
| Size: | L 260 cm, W 130 cm, H 160 cm |
| Weight: | 1 130 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead |
| Battery capacity: | 4x12 V |
| Drive system power: | 4,1 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | Not available |
| Range: | 60 km |
| Top speed: | 40 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | A four seater and a small pick-up to be introduced. 500 cars per month planned. Similar to Elettrica. |
| More information: | www.youtube.com/watch?v=aufbQ7nw1AA www.autobloggreen.com/2006/12/15/the-kurrent-is-kute-but-will-it-konnect-with-konsumers/ |
| Official website: | www.getkurrent.com |
| Contact information: | American Electric Vehicle Co, 30779 Oak Creek Drive, Wixom, MI 48393, USA |

Longwise



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|------------------------------------|--|
| Model: | EVL026V |
| Vehicle class: | Factory builtelectric vehicle. in the USA Neighborhood electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2008 |
| Price: | Yuan 36 000 in China |
| Seating capacity: | 2 |
| Size: | L 256 cm, W 152 cm, H 156 cm |
| Weight: | 765 kgs |
| Cargo volume: | - |
| Permitted load: | 300 kgs |
| Battery type: | Lead |
| Battery capacity: | 48 V |
| Drive system power: | 4,2 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | Not available |
| Range: | 120 km |
| Top speed: | 50 km/h |
| Safety: | Not tested by Euro NCAP or equivalent.Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Previously sold in the USA by BrainBuggy. |
| More information: | - |
| Official website: | www.longwise.en.alibaba.com/aboutus.html |
| Contact information: | Zhejiang Longwise Technology Co, Shangpu Road, Hardware Science and Technology Industrial Park, Yongkang, Zhejiang, 321300 China |

Longwise



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|------------------------------------|--|
| Model: | EVL026F, EVL026V |
| Vehicle class: | Factory built electric vehicle. Four-wheel motorcycle, in the USA Neighborhood electric vehicle |
| Country of manufacture: | China |
| Produced from: | - |
| Price: | - |
| Seating capacity: | 2, 4 |
| Size: | L 256 cm, W 128 cm, H 156 cm |
| Weight: | 765 kgs |
| Cargo volume: | |
| Permitted load: | 450 kgs, 300 kgs |
| Battery type: | Lead |
| Battery capacity: | 48 V |
| Drive system power: | 4,2 kW |
| Charging time: | 8-10 h |
| Charging time, fast charge: | Not available |
| Range: | 120 kms in steady 30 km/h, 100 kms in mixed driving |
| Top speed: | 50 km/h, 45 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Previously sold as Quiet Car One in Great Britain. |
| More information: | www.longwise.cn.alibaba.com/athena/offerdetail/sale/longwise-1036593-301358418.html#pageNav |
| Official website: | www.longwise.en.alibaba.com/aboutus.html |
| Contact information: | Zhejiang Longwise Technology Co, Shangpu Road, Hardware Science and Technology Industrial Park, Yongkang, Zhejiang, 321300 China |

Lumeneo



| | |
|------------------------------------|--|
| Model: | Neoma |
| Vehicle class: | Factory built electric vehicle, motorcycle |
| Country of manufacture: | France |
| Produced from: | 2012 |
| Price: | € 26 500 |
| Seating capacity: | 4 |
| Size: | L 270 cm, W 160 cm, H 140 cm |
| Weight: | 700 kgs |
| Cargo volume: | 400 l |
| Permitted load: | 300 kgs |
| Battery type: | Lithium |
| Battery capacity: | 14 kWh |
| Drive system power: | 30 kW |
| Charging time: | 4 h |
| Charging time, fast charge: | - |
| Range: | 150 km, 10 kWh/100 km |
| Top speed: | 110 km/h |
| Safety: | Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Classified as M1 in France, can be driven without permit. |
| More information: | http://www.youtube.com/watch?v=Z0EgMuocr1c http://en.wikipedia.org/wiki/Lumeneo_SMERA |
| Official website: | http://www.lumeneo.fr |
| Contact information: | contact@lumeneo.fr, contactpresse@lumeneo.fr |

Lumeneo



| | |
|------------------------------------|--|
| Model: | Smera |
| Vehicle class: | Factory built electric vehicle, motorcycle |
| Country of manufacture: | France |
| Produced from: | 2010 |
| Price: | € 26 500 |
| Seating capacity: | 1 + 1 |
| Size: | L 250 cm, W 86 cm, H 145 cm |
| Weight: | 500 kgs |
| Cargo volume: | 15 / 150 L |
| Permitted load: | |
| Battery type: | Lithium |
| Battery capacity: | 10 kWh, 70 Ah, 144 V DC |
| Drive system power: | 30 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | - |
| Range: | 150 km. 7 kWh/100 km |
| Top speed: | 130 km/h |
| Safety: | Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Built-in balancing system. Batteries to last 10 years. Finances from French railway company SNCF. |
| More information: | http://www.youtube.com/watch?v=Z0EgMuocr1c http://en.wikipedia.org/wiki/Lumeneo_SMERA |
| Official website: | http://www.lumeneo.fr |
| Contact information: | contact@lumeneo.fr , contactpresse@lumeneo.fr |

Mega



| | |
|------------------------------------|--|
| Model: | Mega City+, e-City Professional |
| Vehicle class: | Factory built electric vehicle, EU-moped or four-wheel motorcycle |
| Country of manufacture: | France/Great Britain |
| Produced from: | 2007 |
| Price: | In Great Britain: Mega City Pro GBP 11 651, City GBP 12 064 |
| Seating capacity: | 2 or 2+2 (small rear seat at extra cost GBP 500) |
| Size: | L 296cm, W 147 cm, H 149 cm |
| Weight: | 560 kgs |
| Cargo volume: | 190/1 000 L |
| Permitted load: | 275 kgs |
| Battery type: | Lithium Iron Phosphates, maintenance free |
| Battery capacity: | 9 kWh |
| Drive system power: | 8 kW (13 kW peak) |
| Charging time: | 5-6 h (8 A, 220 V, 1-phase or 1,5 A, 220 V 3-phase), 4-5 h 0-80 % |
| Charging time, fast charge: | Not available |
| Range: | 65kms (mixed driving), 80 kms (town), 110 kms (steady 30 km/h) |
| Top speed: | 64 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | Two years warranty for all parts including batteries. Service once per year or every 5 000 km. MOTORCYCLE-registered Nice may take heavier load than EU-moped-registered, otherwise no difference. British Nice bought by French Aixam. New model expected for spring of 2012. |
| More information: | www.greencarsite.co.uk/GREENCARS/nice-mega-city.htm |
| Official website: | Fel! Ogiltig hyperlänkreferens.; www.importinvest.se |
| Contact information: | Aixam Mega, 56 Route de Pugny – BP 112, 73101 Aix-Les-Bains Cedex, France, tel +33-479 6142 45, fax +33-479 35 0611, aixam@aixam-mega.fr |

Melex



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|------------------------------------|--|
| Model: | Melex (several different versions) |
| Vehicle class: | Factory built electric vehicle, motorized work tool class 2, EU-moped or terrain vehicle. |
| Country of manufacture: | Poland |
| Produced from: | - |
| Price: | € 6 000 – 20 000 |
| Seating capacity: | 2-4 |
| Size: | L 258-340 cm, W 117-120 cm (depending on model and equipment) |
| Weight: | 500-1000 kgs |
| Cargo volume: | (Pick-up or van, different cargo volumes) |
| Permitted load: | 150-1000 kgs (depending on model and equipment) |
| Battery type: | Lead, gel or AGM |
| Battery capacity: | 6,9-11,8 kWh |
| Drive system power: | 2,1-4 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | Not available |
| Range: | 60-100 km |
| Top speed: | 24-50 km/h depending on version |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | Sweden's best selling electric vehicle. Available in many different versions and levels of equipment. Also under "Transport vehicles". Delivery time 2 weeks to 3 months depending on equipment. |
| More information: | - |
| Official website: | www.nomaco.se |
| Contact information: | Nomaco AB, Box 7048, 300 07 Halmstad, Sweden, tel +46-35-152670, fax +46-35-152671, info@nomaco.se |

Microcar



| | |
|------------------------------------|--|
| Model: | M.Go |
| Vehicle class: | Factory built electric vehicle, four-wheeled motorcycle |
| Country of manufacture: | France |
| Produced from: | 2012 |
| Price: | - |
| Seating capacity: | 2-4 |
| Size: | L 340 cm, W 147 cm, H 170 cm |
| Weight: | 540/590 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium-iron-phosphates |
| Battery capacity: | 9,2/12,1 kWh |
| Drive system power: | 4/7 kW |
| Charging time: | 4-6 h from 50 % |
| Charging time, fast charge: | 15-20 min |
| Range: | 80-150 km depending on version |
| Top speed: | 45/70 km/h depending on version |
| Safety: | Not tested by Euro NCAP. Airbags, antilock brakes and antispin system not available. |
| Remarks: | Can be driven in France without a permit. Also in petrol versions. Also in small cargo version. |
| More information: | www.autobloggreen.com/category/miles-automotive/ www.chron.com/disp/story.mpl/hotstories/6122241.html |
| Official website: | www.extranet.microcar.com |
| Contact information: | cligier@driveplanet.eu |

Miles



| | |
|------------------------------------|--|
| Model: | ZX40 ST |
| Vehicle class: | Converted from petrol. In the USA Neighbourhood Electric Vehicle (NEV) |
| Country of manufacture: | China/USA |
| Produced from: | 2004 |
| Price: | USD 14 999 |
| Seating capacity: | 4 |
| Size: | L 340 cm, W 147 cm, H 170 cm |
| Weight: | 660 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead |
| Battery capacity: | 150 Ah, 12 V |
| Drive system power: | 27 kW |
| Charging time: | 4-6 hrs from 50 % |
| Charging time, fast charge: | 15-20 min |
| Range: | 65-100 km |
| Top speed: | 40 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | 200 built per month. Also pick-up. Based on Daihatsu-model. |
| More information: | www.autobloggreen.com/category/miles-automotive/ www.chron.com/disp/story.mpl/hotstories/6122241.html |
| Official website: | www.milesev.com |
| Contact information: | Miles Automotive Group, Ltd, Santa Monica Airport, Santa Monica, CA, USA, info@milesev.com, tel +1-310 390 4890 |

Peel



| | |
|------------------------------------|--|
| Model: | Eco, Fun |
| Vehicle class: | Moped, light motorcycle |
| Country of manufacture: | Great Britain |
| Produced from: | 2011 |
| Price: | £ 14 999 |
| Seating capacity: | 1 |
| Size: | L 137 cm, W 104 cm, H 120 cm |
| Weight: | 59 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | - |
| Drive system power: | Eco 3 kW, Fun 1.2 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | - |
| Range: | 80 km |
| Top speed: | Eco 80 km/h, Fun 24 km/h, in Great Britain limited to 45/13 km/h |
| Safety: | Not crash tested. Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | Built 1962-1965, smallest car produced according to the Guinness book of Records. 50 to be built now, out of which some as EV. Larger version Trident also available, 183 cm long. |
| More information: | http://www.thecarelectric.com/content/peapod.php http://www.greenlaunches.com/transport/peapod-mobility-car-unveiled.php |
| Official website: | www.peelengineering.co.uk |
| Contact information: | Peel Engineering, tel +49-0208 265 6590 |

PMMC



| | |
|------------------------------------|--|
| Model: | Greenrunner GE 1200 |
| Vehicle class: | Factory built electric vehicle, moped |
| Country of manufacture: | Taiwan |
| Produced from: | 2008 |
| Price: | - |
| Seating capacity: | 2 |
| Size: | - |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium (C-LiFePO4) |
| Battery capacity: | - |
| Drive system power: | - |
| Charging time: | 1,5 h |
| Charging time, fast charge: | - |
| Range: | 160 km |
| Top speed: | - |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Swedish Simson Motors previously planned to import the car to Sweden. |
| More information: | http://www.cens.com/cens/html/en/news/news_inner_25105.html http://taiwanauj.nat.gov.tw/fp.asp?xItem=44716&ctNode=118 |
| Official website: | www.phet.com.tw ; www.pihsiang.com.tw |
| Contact information: | Phet, 7, Gongyeh 5 Road Hsinchu Industry Park Huko Taiwan R.O.C. , tel +886-3 568 8585, fax+886-3-568-6202, sales@phet.com.tw ; |

PMMC



| | |
|------------------------------------|--|
| Model: | Greenrunner EP 1500 |
| Vehicle class: | Factory built electric vehicle, moped |
| Country of manufacture: | Taiwan |
| Produced from: | 2008 |
| Price: | - |
| Seating capacity: | 2 + 2 |
| Size: | - |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium (C-LiFePO4) |
| Battery capacity: | - |
| Drive system power: | - |
| Charging time: | 2 h |
| Charging time, fast charge: | Not available |
| Range: | - |
| Top speed: | - |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Swedish Simson Motors previously planned to import the car to Sweden. |
| More information: | http://www.cens.com/cens/html/en/news/news_inner_25105.html http://taiwanauj.nat.gov.tw/fp.asp?xItem=44716&ctNode=118 |
| Official website: | www.phet.com.tw ; www.pihsiang.com.tw |
| Contact information: | Phet, 7, Gongyeh 5 Road Hsinchu Industry Park Huko Taiwan R.O.C. , tel +886-3 568 8585, fax+886-3-568-6202, sales@phet.com.tw ; |

Renault



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|------------------------------------|--|
| Model: | Twizy |
| Vehicle class: | Factory built electric vehicle, motorcycle |
| Country of manufacture: | France |
| Produced from: | Mid-2012 |
| Price: | From € 6990, batteries €45/month |
| Seating capacity: | 2 |
| Size: | L 234 cm, W 124 cm, H 145 cm |
| Weight: | 450 kgs |
| Cargo volume: | 50 L (separate bag) |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 7 kWh |
| Drive system power: | 15 kW, 4 kW |
| Charging time: | 3,5 h |
| Charging time, fast charge: | Not available |
| Range: | 100 kms mixed driving |
| Top speed: | 80 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Driver's airbag standard, anti-lock brakes and traction control system not available. |
| Remarks: | Doors optional. Also in slower version. |
| More information: | http://www.automotiveworld.com/news/powertrain/84925-france-renault-to-launch-twizy-iad http://www.thegreencarwebsite.co.uk/blog/index.php/2011/05/12/renaults-twizy-ev-now-available-to-reserve/ |
| Official website: | Fel! Ogiltig hyperlänkreferens. |
| Contact information: | Renault |

Reva



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|------------------------------------|--|
| Model: | i (sold in Great Britain as G-Wiz) |
| Vehicle class: | Factory built electric vehicle. Four-wheel motorcycle, battery powered |
| Country of manufacture: | India |
| Produced from: | 2001 |
| Price: | Great Britain GBP 8 495 |
| Seating capacity: | 2+2 |
| Size: | L 264 cm, W 132 cm, H 151 cm |
| Weight: | 700 kgs |
| Cargo volume: | - |
| Permitted load: | 227 kgs |
| Battery type: | Lead or Lithium |
| Battery capacity: | - |
| Drive system power: | 13 kW |
| Charging time: | 8 h, 2,5 h to 80 % |
| Charging time, fast charge: | 1 h (90 %) with special rapid charger |
| Range: | 40-80 km, Lithium 120 km |
| Top speed: | 80 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. Crash tested in 40 km/h by ARAI (the Automotive Research Association of India) |
| Remarks: | More than 5000 manufactured. Best selling EV in Great Britain, twice named "Best City Car" by Environmental Transport Association. |
| More information: | www.vg.no/bil-og-motor/artikkel.php?artid=535726 www.autocar.co.uk/News/NewsArticle/AllCars/236807/ |
| Official website: | www.revaglobal.com ; www.revaindia.com ; www.revaNorway.no |
| Contact information: | Mahindra Reva Electric Vehicles, 122 E, Bommasandra Industrial Area, Bangalore 560 099, India, mrevarrp@mahindrareva.com |

Reva



| | |
|------------------------------------|--|
| Model: | NXR, NXR City, NXR Intercity |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | India |
| Produced from: | 2012 |
| Price: | City: € 9 995, Intercity € 14 995 |
| Seating capacity: | 4 |
| Size: | L 328 cm, W 156 cm, H 151 cm |
| Weight: | Lead 900 kgs, Lithium 850 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | City: Lead, Intercity: Lithium |
| Battery capacity: | - |
| Drive system power: | Lead 13 kW, Lithium 25 kW |
| Charging time: | 6 h |
| Charging time, fast charge: | 90 min (15 min for 40 km) |
| Range: | City: 70 km, Intercity: 160 km |
| Top speed: | City: 80 km/h, Intercity: 105 km/h |
| Safety: | Not crash tested in Euro NCAP. twin airbags in front standard, active pedestrian protection. Traction control system and anti-lock brakes not available. |
| Remarks: | REVive gives 20 kms extra range when needed. To be sold in several European markets. |
| More information: | http://www.teknikensvarld.se/nyheter/090909-reva-nxr-nxg/index.xml http://www.smiles-world.de/reva-nxr-konzept |
| Official website: | www.revaglobal.com ; www.revaindia.com ; www.revaNorway.no |
| Contact information: | Mahindra Reva Electric Vehicles, 122 E, Bommasandra Industrial Area, Bangalore 560 099, India, mrevarrp@mahindrareva.com |

Reva



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|------------------------------------|--|
| Model: | NXG |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | India |
| Produced from: | 2012 |
| Price: | € 23 000 excluding batteries |
| Seating capacity: | 2 |
| Size: | - |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | - |
| Charging time: | 8 h |
| Charging time, fast charge: | 90 min (15 min gives 40 km) |
| Range: | 200 km |
| Top speed: | 130 km/h |
| Safety: | Not crash tested in Euro NCAP or equivalent, safety equipment not yet determined. |
| Remarks: | REVive gives 20 kms extra range when needed. Manufactured according to the "Born Green"-concept, with fewer components than ordinary cars and a "second life" for the batteries when they are no longer used in the car. Production of NXG and NXR unsure. |
| More information: | http://www.autoblog.com/2009/09/16/frankfurt-2009-reva-nxg-looks-ready-to-stomp-nxr-is-ready-for/ |
| Official website: | www.revaindia.com ; www.revaNorway.no |
| Contact information: | India: shane@the-practice.net, tel + 93-2465 8353 Norway: Bjørnar Teig, Jernbanegata 3-5, 1890 Rakkestad, bjornar.teig@bye.no, reva-salg@bye.no, tel +47-6922 5303, +47-9057 0311 |

Sanifer



| | |
|------------------------------------|---|
| Model: | Mini-Car L6E |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | Finland |
| Produced from: | 2010 |
| Price: | - |
| Seating capacity: | 2 |
| Size: | L 270 cm, W 154 cm, H 148 cm |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 160 Ah |
| Drive system power: | 4 kW, 48 V, DC |
| Charging time: | 8 h |
| Charging time, fast charge: | - |
| Range: | 80-100 km |
| Top speed: | 45 km/h |
| Safety: | Not crash tested in Euro NCAP or equivalent, safety equipment not yet final. |
| Remarks: | Finnish batteries. |
| More information: | www.finnguide.fi/events/artdetail.asp?a=8853 |
| Official website: | http://www.amcmotors.fi/uploads/files/sanifer_minicar_L6e.pdf |
| Contact information: | AMC Motors, Siilotie 1, 90520 Oulu, Finland, tel +358 (0) 8 374 329, fax +358 (0) 8 374 324, amc@amcmotors.fi |

Sanifer



| | |
|------------------------------------|---|
| Model: | Mini-Car L7E |
| Vehicle class: | Passenger car, battery powered |
| Country of manufacture: | Finland |
| Produced from: | 2010 |
| Price: | - |
| Seating capacity: | 2 |
| Size: | L 270 cm, W 154 cm, H 148 cm |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 180 Ah |
| Drive system power: | 7,5 kW (15 kW peak), 72 V, DC |
| Charging time: | 8 h |
| Charging time, fast charge: | - |
| Range: | 100 km |
| Top speed: | 45 km/h |
| Safety: | Not crash tested in Euro NCAP or equivalent, safety equipment not yet final. |
| Remarks: | Finnish batteries. |
| More information: | www.finnguide.fi/events/artdetail.asp?a=8853 |
| Official website: | http://www.amcmotors.fi/uploads/files/sanifer_minicar_L6e.pdf |
| Contact information: | AMC Motors, Siilotie 1, 90520 Oulu, Finland, tel +358 (0) 8 374 329, fax +358 (0) 8 374 324, amc@amcmotors.fi |

Shandong Jindalu/Fulu



| | |
|------------------------------------|---|
| Model: | FL5000W ZK-1 07 EEC |
| Vehicle class: | Passenger vehicle, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | USD 5 400 from factory |
| Seating capacity: | 4 |
| Size: | L 300 cm, W 148 cm, H 153 cm |
| Weight: | 910kgs |
| Cargo volume: | - |
| Permitted load: | 300 kgs |
| Battery type: | Lead |
| Battery capacity: | 180 Ah, 72 V |
| Drive system power: | 5 kW 72 V DC |
| Charging time: | 6-8 h |
| Charging time, fast charge: | - |
| Range: | 90 km |
| Top speed: | 75 km/h |
| Safety: | |
| Remarks: | EU approved. Batteries guaranteed for 2 year or 500 charges. |
| More information: | http://fulumotor.manufacturer.globalsources.com/si/6008817482717/pdtl/Electric-car/1035124778/Electric-Car.htm?source=RSS_Hd |
| Official website: | http://www.gfulu.com |
| Contact information: | Shandong Jindalu Vehicle Co.Ltd, Dezhou Tianqu Industrial Zone, Dezhou, Shandong, 252000 China, tel +86 534 235 5086, fax +86 534 235 5086, jdlvehicle@163.com |

Shanghai Tandem Motors



| | |
|------------------------------------|--|
| Model: | Electric Car |
| Vehicle class: | Factory built electric vehicle. Passenger vehicle, in the USA Neighbourhood Electric Vehicle (NEV) |
| Country of manufacture: | China |
| Produced from: | 2008 |
| Price: | Yuan 36 000 in China |
| Seating capacity: | 2 |
| Size: | L 260 cm, W 155 cm, H 155 cm |
| Weight: | 678 kgs (out of which batteries 228 kgs) |
| Cargo volume: | - |
| Permitted load: | 300 kgs |
| Battery type: | Lead |
| Battery capacity: | - |
| Drive system power: | 6,5 kW |
| Charging time: | 10 h |
| Charging time, fast charge: | Not available |
| Range: | 120 km |
| Top speed: | 65 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | EU approved. The batteries guaranteed for 500 charges. |
| More information: | www.tootoo.com/d-rp18894371-NEW_Electric_Car_with_EEC_Approval/ |
| Official website: | www.tandem-motor.com |
| Contact information: | Shanghai Tandem Motors, 1804, Building E, Everbright Convention and Exhibition Center, 82 Caobao Road, Shanghai City, China |

Stauffacherbenz



| | |
|------------------------------------|--|
| Model: | e´mo |
| Vehicle class: | Factory built electric vehicle, four-wheel motorcycle |
| Country of manufacture: | Switzerland |
| Produced from: | 2010 |
| Price: | CHF 15 000 excluding batteries |
| Seating capacity: | 3 |
| Size: | L 272 cm, W 150 cm, H 150 cm |
| Weight: | 325 kgs |
| Cargo volume: | - |
| Permitted load: | 275 kgs |
| Battery type: | Lithium |
| Battery capacity: | 4,8 kWh, 48 V, 100 Ah |
| Drive system power: | 7 kW |
| Charging time: | 6 h (1,5 h to 50 % charge) |
| Charging time, fast charge: | Not available |
| Range: | 60 km |
| Top speed: | 70 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available |
| Remarks: | - |
| More information: | - |
| Official website: | www.iwk.hsr.ch; www.e-mo-car.ch |
| Contact information: | IWK, Institut für Werkstofftechnik und Kunststoffverarbeitung, Oberseestrasse 10 CH-8640 Rapperswil, Switzerland, tel +41-55 222 4770, fax +41-55 222 4400 |

Sunmotor



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|------------------------------------|---|
| Model: | Coupe DX |
| Vehicle class: | Factory builtelectric vehicle. In the USA Neighbourhood Electric Vehicle (NEV) |
| Country of manufacture: | USA |
| Produced from: | 2009 |
| Price: | USD 8 050 |
| Seating capacity: | 2 |
| Size: | - |
| Weight: | 806 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | 100 AH, 120 V |
| Drive system power: | 7.5 kW |
| Charging time: | 8-10 h 1-phase, 18 A 230 V |
| Charging time, fast charge: | - |
| Range: | 220 km |
| Top speed: | 70 km/h, in the USA limited to 40 km/h |
| Safety: | Anti-lock brakes standard, airbags not available. |
| Remarks: | With solar cells on the roof, will add 20 kms in electric mode/24 hrs. |
| More information: | http://www.youtube.com/watch?v=HNvC6cGsVYE hubpages.com/hub/Solar-Car |
| Official website: | Www.sunmotor.us |
| Contact information: | Shandong Baoya New Energy Vehicle Co., Ltd, evehicle@yahoo.cn; sdbaoya@126.com |

Takeoka



| | |
|------------------------------------|--|
| Model: | T10 |
| Vehicle class: | Factory built electric vehicle. Four-wheel motorcycle |
| Country of manufacture: | Japan |
| Produced from: | 2009 |
| Price: | Yen 856 000 |
| Seating capacity: | 1 |
| Size: | L 224 cm, W 118 cm, H 144 cm |
| Weight: | 678 kgs (out of which batteries 228 kgs) |
| Cargo volume: | - |
| Permitted load: | 290 kgs |
| Battery type: | Lead |
| Battery capacity: | 4 12V batteries, 60 Ah |
| Drive system power: | 600 W |
| Charging time: | 10 h |
| Charging time, fast charge: | Not available |
| Range: | 50 km |
| Top speed: | 55 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | One door. Smaller model Milieu R was produced until 2009. |
| More information: | http://gadgetblips.dailyradar.com/story/japanese_firm_upgrades_electric_one_seater_tech_on/ http://techon.nikkeibp.co.jp/english/NEWS_EN/20090129/164768/ |
| Official website: | - |
| Contact information: | Takeoka Jidosha Kogei Ltd, Toyama City, Japan |

Tazzari



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|------------------------------------|--|
| Model: | Zero, Zero Special Edition, Speedster Italia |
| Vehicle class: | Factory built electric vehicle. EUV (L7e) |
| Country of manufacture: | Italy |
| Produced from: | November 2009 |
| Price: | From € 20 300 |
| Seating capacity: | 2 |
| Size: | L 288 cm B 155 cm H 140 cm |
| Weight: | 542 kgs |
| Cargo volume: | 180 L (front and rear) |
| Permitted load: | 195 kgs |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | 15 kW |
| Charging time 230 V, 16 A: | 9 h, 5 h with 3-phase |
| Charging time, fast charge: | 80 % on 1 h (380 V 3-phase) |
| Range: | 140 kms |
| Top speed: | 100 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Body mostly by aluminium, mid-mounted engine, rear-wheel drive. Previously imported to Norway by Enviro Electric. |
| More information: | www.jalopnik.com/5059968/tazzari-zero-electric-car-recharges-in-45-minutes-offers-93-mile-range www.onelectriccars.com/on-the-tazzari-zero/437/ |
| Official website: | www.tazzari-zero.com |
| Contact information: | Tazzari GL, Via Selice Provinciale 42/E, 400 26 Imola, Italy, tel +39 0542 6230 |

Tong Yong



| | |
|------------------------------------|--|
| Model: | Tong Yong |
| Vehicle class: | Factory built electric vehicle, passenger vehicle |
| Country of manufacture: | South Korea |
| Produced from: | 2010 |
| Price: | USD 3 500 (if at least 8 cars ordered) |
| Seating capacity: | 2 |
| Size: | L 276 cm, W 142 cm, H 144cm |
| Weight: | 750 kgs (out of which 254 kgs batteries) |
| Cargo volume: | - |
| Permitted load: | 200 kgs |
| Battery type: | Lithium |
| Battery capacity: | 72 V, 200 AH |
| Drive system power: | 6.5 kW 72 V AC |
| Charging time: | 8-10 h |
| Charging time, fast charge: | - |
| Range: | 130 km |
| Top speed: | 100 km/h |
| Safety: | Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | Batteries guaranteed for 500 charges. Approved for the EEC. More than 20 000 manufactured. Imported to Portugal. |
| More information: | www.biocar.com.sapo.pt |
| Official website: | |
| Contact information: | Young Hwa Corp., 727-2 Hapjung-Dong, Pyungtaek City, Kyunggi-Do, 450-020, R.O. Korea, tel : 031-6181104, lcd6958@naver.com |

Twike



| | |
|------------------------------------|--|
| Model: | Twike Easy, Active |
| Vehicle class: | Factory built electric vehicle, motorcycle |
| Country of manufacture: | Germany |
| Produced from: | 1996 |
| Price: | Great Britain GBP 14 980 for Easy, 15 690 for Active, excluding batteries. Batteries GBP 5 360-13 750 |
| Seating capacity: | 2 |
| Size: | L 265 cm, W 120 cm, H 120 cm |
| Weight: | 170 kgs excluding batteries. Batteries 35-100 kgs |
| Cargo volume: | 250 L (400 L without rear seat) |
| Permitted load: | 180-245 kgs |
| Battery type: | Lithium |
| Battery capacity: | 3.4-10 kWh |
| Drive system power: | 3 kW (9 kW peak) |
| Charging time 230 V, 16 A: | 1,5 -4 h |
| Charging time, fast charge: | - |
| Range: | 4-7 kWh/100 km, 200 kms (with 10 kWh battery) |
| Top speed: | 85 km/h |
| Safety: | Not crash tested. Airbags, anti-lock brakes and traction control system not available. Safety cage. |
| Remarks: | Three-wheeler. In model Active the driver and passenger can pedal the car. More than 900 manufactured. |
| More information: | www.ridelust.com/tandem-bike-inspired-city-cars/ en.wikipedia.org/wiki/Twike |
| Official website: | www.twike.com |
| Contact information: | FineMobile, D-35119 Rosenthal, Feldgasse 6, +49-1805 463 463, info@twike.com TWIKE.UK, c/o Dr Andreas Schroerer, 63 Church Green Rd, Bletchley, Milton Keynes, Bucks MK3 6BY, Great Britain, info@twike.co.uk |

Venturi



| | |
|------------------------------------|--|
| Model: | Venturi Eclectic |
| Vehicle class: | Factory built electric vehicle , motorcycle |
| Country of manufacture: | Monaco |
| Produced from: | 2012 |
| Price: | Around € 15 000 |
| Pris in Norway: | - |
| Pris in Sweden: | - |
| Seating capacity: | 3 |
| Size: | L 278 cm, W 166 cm, H 168 cm |
| Weight: | 390 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead, Lithium optional |
| Battery capacity: | 7 kWh |
| Drive system power: | 4 kW continuous, peak 9 kW |
| Charging time: | 5 h |
| Charging time, fast charge: | Not available |
| Range: | 50 km |
| Top speed: | 45 km/h |
| Safety: | Not tested by Euro NCAP. Twin airbags in front. Anti-lock brakes and traction control system not available. |
| Remarks: | Solar cells on roof (0,8 m ²), delivers up to 72 W, small wind turbine delivers up to 300 W. Production uncertain. |
| More information: | www.youtube.com/watch?v=DAhZyrm0WZQ |
| Official website: | www.popularmechanics.com/blogs/automotive_news/4224791.html www.venturieclectic.fr/eclectic.html |
| Contact information: | Venturi Automobiles, Gildo Pastor Center, 7 rue du Gabian, 98 000 Monaco, tel +377-9999 5200, fax +377 9999 5323, info@venturi.fr |

Volteis



| | |
|------------------------------------|---|
| Model: | X2, X4 |
| Vehicle class: | Factory built electric vehicle, four wheeler motorcycle |
| Country of manufacture: | France |
| Produced from: | 2009 |
| Price: | - |
| Seating capacity: | X2: 2 X4: 2+2 |
| Size: | L: X2 275 cm, X4 305 cm, W 143 cm, H 152 cm |
| Weight: | X2 681 kgs, X4 740 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead |
| Battery capacity: | 48 V 1400 W |
| Drive system power: | 4 / 8 kW |
| Charging time: | 6 h |
| Charging time, fast charge: | Not available |
| Range: | 60 kms |
| Top speed: | X2 45 km/h, X4 70 km/h |
| Safety: | Airbags and anti-lock brakes standard, traction control system optional. |
| Remarks: | X2 Front-wheel drive, X4 four-wheel-drive. Two years warranty except for batteries. |
| More information: | http://www.tender.fr/index.php?lang=us |
| Official website: | www.volteis.com |
| Contact information: | Volteis Electric-car, BP 2 - 132 rue de Soras, F-07430 Davezieux, France, +33-4 75 33 71 91 , fax +33-4 75 33 40 41, contact@volteis.com |

1.3 Transport vehicles

Allied



| | |
|------------------------------------|---|
| Model: | eBipper |
| Vehicle class: | Passenger vehicle/Light truck, converted from petrol |
| Country of manufacture: | Great Britain/France |
| Produced from: | 2010 |
| Price: | GBP 39 950 (also leasing) |
| Seating capacity: | 2 |
| Size: | As base model |
| Weight: | 2 800 L |
| Cargo volume: | As base model |
| Permitted load: | 375 kgs |
| Battery type: | Lithium |
| Battery capacity: | 43 kWh |
| Drive system power: | 60 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | - |
| Range: | 100 kms |
| Top speed: | Ca 110 km/h |
| Safety: | Airbags and anti-lock brakes standard, traction control system optional. |
| Remarks: | Company exists since 1993, previously specialized in disability vehicles. Builds eBipper, ePartner, eExpert and eBoxer, all based on Peugeot models. Glasgow City Council has ordered 30 ePartners and 10 eExpert. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/09/23/an-interview-with-allied-electric/ www.thegreencarwebsite.co.uk/blog/index.php/2010/04/15/allied-add-two-new-electric-peugeot-vehicles/ |
| Official website: | http://www.allielectric.co.uk/ |
| Contact information: | Allied Vehicles Ltd, 230 Balmore Road, Glasgow, Scotland, G22 6LJ, tel + 44 (0) 141 336 1683, info@allielectric.co.uk |

Allied



| | |
|------------------------------------|---|
| Model: | eBoxer |
| Vehicle class: | Light truck, converted from diesel |
| Country of manufacture: | Great Britain/France |
| Produced from: | 2010 |
| Price: | GBP 40 000 (also leasing) |
| Seating capacity: | 2 |
| Size: | L 543/600 cm, W 269 cm, H 252 cm |
| Weight: | 3 500 kgs |
| Cargo volume: | 11.5-13 m3 |
| Permitted load: | 800 kgs |
| Battery type: | Lithium |
| Battery capacity: | 54/64 kWh (269 V) |
| Drive system power: | 60 kW |
| Charging time: | 7-9 h |
| Charging time, fast charge: | Not available |
| Range: | 160/190 kms |
| Top speed: | Ca 110 km/h |
| Safety: | Airbag on driver's side and anti-lock brakes standard, traction control system not available. |
| Remarks: | Company exists since 1993, previously specialized in disability vehicles. Builds eBipper, ePartner, eExpert and eBoxer, all based on Peugeot models. Glasgow City Council has ordered 30 ePartners and 10 eExpert. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/09/23/an-interview-with-allied-electric/ www.thegreencarwebsite.co.uk/blog/index.php/2010/04/15/allied-add-two-new-electric-peugeot-vehicles/ |
| Official website: | http://www.alliedelectric.co.uk/ |
| Contact information: | Allied Vehicles Ltd, 230 Balmore Road, Glasgow, Scotland, G22 6LJ, tel + 44 (0) 141 336 1683, info@alliedelectric.co.uk |

Allied



| | |
|------------------------------------|---|
| Model: | eExpert |
| Vehicle class: | Light truck, converted from diesel |
| Country of manufacture: | Great Britain/France |
| Produced from: | 2010 |
| Price: | GBP 40 000 (also leasing) |
| Seating capacity: | 2 |
| Size: | L 513 cm, W 219 cm, H 198 cm |
| Weight: | 2 933 kgs |
| Cargo volume: | 6-7 m3 |
| Permitted load: | 580 kgs |
| Battery type: | Lithium |
| Battery capacity: | 43 kWh |
| Drive system power: | 60 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | Not available |
| Range: | 160 kms |
| Top speed: | Ca 110 km/h |
| Safety: | Airbag on driver's side and anti-lock brakes standard, traction control system not available. |
| Remarks: | Company exists since 1993, previously specialized in disability vehicles. Builds eBipper, ePartner, eExpert and eBoxer, all based on Peugeot models. Glasgow City Council has ordered 30 ePartners and 10 eExpert. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/09/23/an-interview-with-allied-electric/ www.thegreencarwebsite.co.uk/blog/index.php/2010/04/15/allied-add-two-new-electric-peugeot-vehicles/ |
| Official website: | http://www.alliedelectric.co.uk/ |
| Contact information: | Allied Vehicles Ltd, 230 Balmore Road, Glasgow, Scotland, G22 6LJ, tel + 44 (0) 141 336 1683, info@alliedelectric.co.uk |

Allied



| | |
|------------------------------------|---|
| Model: | eMonarch |
| Vehicle class: | Light truck, converted from diesel |
| Country of manufacture: | Great Britain/France |
| Produced from: | 2010 |
| Price: | - |
| Seating capacity: | Up to 15 |
| Size: | L 600 cm, W 269 cm, H 252 cm |
| Weight: | 3 500 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | 54/64 kWh |
| Drive system power: | 60 kW |
| Charging time: | 7-9 h |
| Charging time, fast charge: | - |
| Range: | 160/190 kms |
| Top speed: | Ca 110 km/h |
| Safety: | Airbag on driver's side and anti-lock brakes standard, traction control system not available. |
| Remarks: | Company exists since 1993, previously specialized in disability vehicles. Builds eBipper, ePartner, eExpert and eBoxer, all based on Peugeot models. Three years warranty on car and batteries. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/09/23/an-interview-with-allied-electric/ www.thegreencarwebsite.co.uk/blog/index.php/2010/04/15/allied-add-two-new-electric-peugeot-vehicles/ |
| Official website: | http://www.alliedelectric.co.uk/ |
| Contact information: | Allied Vehicles Ltd, 230 Balmore Road, Glasgow, Scotland, G22 6LJ, tel + 44 (0) 141 336 1683, info@alliedelectric.co.uk |

Allied



| | |
|------------------------------------|---|
| Model: | ePartner |
| Vehicle class: | Passenger vehicle/Light truck, converted from petrol |
| Country of manufacture: | Great Britain/France |
| Produced from: | 2010 |
| Price: | - |
| Seating capacity: | 2 |
| Size: | As base modell |
| Weight: | - |
| Cargo volume: | 3700 L |
| Permitted load: | 549 kgs |
| Battery type: | Lithium |
| Battery capacity: | 43 kWh |
| Drive system power: | 60 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | Can also be charged with 3-phase. |
| Range: | 100-160kms |
| Top speed: | Ca 110 km/h |
| Safety: | Airbags and anti-lock brakes standard, traction control system optional. |
| Remarks: | Company exists since 1993, previously specialized in disability vehicles. Builds eBipper, ePartner, eExpert and eBoxer, all based on Peugeot models. Glasgow City Council has ordered 30 ePartners and 10 eExpert. Three years warranty on car and batteries. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/09/23/an-interview-with-allied-electric/ www.thegreencarwebsite.co.uk/blog/index.php/2010/04/15/allied-add-two-new-electric-peugeot-vehicles/ |
| Official website: | http://www.alliedelectric.co.uk/ |
| Contact information: | Allied Vehicles Ltd, 230 Balmore Road, Glasgow, Scotland, G22 6LJ, tel + 44 (0) 141 336 1683, info@alliedelectric.co.uk |

Baoya



| | |
|------------------------------------|---|
| Model: | HT9A/E-Truck |
| Vehicle class: | Light truck, Factory builtelectric vehicle |
| Country of manufacture: | China |
| Produced from: | 2009 |
| Price: | USD 8 050 |
| Seating capacity: | 2 |
| Size: | L 410 cm, W 148 cm, H 179 cm |
| Weight: | 806 kgs |
| Cargo volume: | |
| Permitted load: | - |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | 100 AH, 120 V |
| Drive system power: | 8.5 kW AC, 120 V |
| Charging time: | 8-10 h 1-phase, 18 A 230 V |
| Charging time, fast charge: | - |
| Range: | 100 kms mixed driving, 160 kms in constant 45 km/h |
| Top speed: | 75-80 km/h |
| Safety: | Anti-lock brakes standard, airbags not available. |
| Remarks: | Leadbatteries guaranteed for 3 year or 500 charges. |
| More information: | http://www.baoya-ev.com/Products/show.asp?i=42 |
| Official website: | www.baoya-ev.com |
| Contact information: | Shandong Baoya New Energy Vehicle Co., Ltd, evehicle@yahoo.cn; sdbaoya@126.com |

Beepo



| | |
|------------------------------------|--|
| Model: | Pony |
| Vehicle class: | Light truck, Factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2008 |
| Importer in Sweden: | - |
| Price: | In Germany: € 17 999 – 19 999 excluding batteries. Lead batteries € 4000, Lithium 160 Ah € 6000, 360 Ah € 11 000 |
| Seating capacity: | 2 |
| Size: | L 392 cm, W 145 cm, H 177 cm |
| Weight: | 1050 kgs |
| Cargo volume: | - |
| Permitted load: | 500-800 kgs (depending on type of battery) |
| Battery type: | Lead (maintenance free), Lithium optional |
| Battery capacity: | Lead: 220 Ah, Lithium 160/360 Ah, alla 72V |
| Drive system power: | 14 kW AC |
| Charging time: | 4-10 h depending on type of battery (230 V, 16 A) |
| Charging time, fast charge: | |
| Range: | Lead: 70 km Lithium: 80-140 kms |
| Top speed: | 60-75 km/h |
| Safety: | Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | Sold in Germany. |
| More information: | http://www.smiles-world.de/beepo |
| Official website: | |
| Contact information: | Smiles AG, Industriestraße 5–9, D-97239 Aub, tel +49 9335-9717 0, fax +49 9335-9717 28, info@smiles-world.de |

Boulder



| | |
|------------------------------------|---|
| Model: | BEV |
| Vehicle class: | Light truck, Factory built electric vehicle |
| Country of manufacture: | USA |
| Produced from: | 2010 |
| Price: | USD 100 000 |
| Seating capacity: | |
| Size: | L 670 cm, W 240 cm, H 320 cm |
| Weight: | Ca 2 300 kgs |
| Cargo volume: | Ca 30 m ³ |
| Permitted load: | Ca 2 700 kgs |
| Battery type: | Lithium-iron-phosphates |
| Battery capacity: | 80 kWh |
| Drive system power: | 80 kW |
| Charging time: | 6 h |
| Charging time, fast charge: | Not available |
| Range: | 160 km |
| Top speed: | 130 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Anti-lock brakes standard, traction control system not available. |
| Remarks: | Bankrupt in 2011, production planned to resume under new Liberty ownership (see this). |
| More information: | http://cleantech.com/news/4733/ev-startup-set-churn-out-trucks-us www.youtube.com/watch?v=oOx5DWcn5SU |
| Official website: | www.boulderev.com |
| Contact information: | Boulder Electric Vehicles, 1460 Overlook Dr. Lafayette, CO 80026 (303) 443-1859, info@boulderev.com |

Citroën/Venturi



| | |
|------------------------------------|--|
| Model: | Citroën Berlingo First |
| Vehicle class: | Light truck, converted from petrol/diesel |
| Country of manufacture: | France |
| Produced from: | 2011 |
| Price: | € 42 950 |
| Seating capacity: | 2 |
| Size: | L 414 cm, W 196 cm, H 183 cm |
| Weight: | 1 325 kgs |
| Cargo volume: | 3 m ³ |
| Permitted load: | Ca 500 kgs |
| Battery type: | Zebra |
| Battery capacity: | 23,5 kWh |
| Drive system power: | 42 kW |
| Charging time: | 5 h (80 %) |
| Charging time, fast charge: | Not available |
| Range: | 120 km |
| Top speed: | 110 km/h |
| Safety: | Not tested by Euro NCAP. Twin airbags in front and anti-lock brakes standard, traction control system not available. |
| Remarks: | Based on Citroën Berlingo. Developed by Citroën and Venturi. Same cargo space and capacity as diesel version. 500 built for the French Post, tendering for 10 000 over five years. Passenger version not available. |
| More information: | www.worldcarfans.com/9080326.002/citroen-berlingo-with-venturi-electric-motor www.popularmechanics.com/blogs/automotive_news/4224791.html |
| Official website: | www.venturicars.com |
| Contact information: | Venturi Automobiles, Gildo Pastor Center, 7 rue du Gabian, 98 000 Monaco, tel +377-9999 5200, fax +377 9999 5323, info@venturi.fr |

Dong Feng



| | |
|------------------------------------|---|
| Model: | EQ1020TF Mini Truck |
| Vehicle class: | Pick-up, battery powered |
| Country of manufacture: | China |
| Produced from: | 2008 |
| Price: | - |
| Seating capacity: | 2 |
| Size: | L398 cm, W 156 cm, H 183 cm |
| Weight: | 1 080 kgs |
| Cargo volume: | 800 L (Combi), 3,2 m ³ (Cargo) |
| Permitted load: | 500 kgs |
| Battery type: | Lead, other batteries optional |
| Battery capacity: | 12 V/150 Ah |
| Drive system power: | 6,3 kW |
| Charging time: | 5-8 h |
| Charging time, fast charge: | Not available |
| Range: | 40-100 kms depending on batteries |
| Top speed: | 90 km/h |
| Safety: | Not tested by Euro NCAP. Airbag, anti-lock brakes and traction control system not available. |
| Remarks: | Available with several different kinds of batteries. Sold on some markets as Sokon E-Power, with slightly different technical data. Italian Orsetto builds the vehicle for some markets. |
| More information: | http://green.autoblog.com/2011/05/03/dongfeng-aims-to-sell-100-000-electric-vehicles-by-2015/ |
| Official website: | www.dfmotorcycle.com.cn ; www.dfyuan.com/ |
| Contact information: | Dongfeng Motor Corporation, Wuhan, Hubei, China 430015 |

Dong Feng



| | |
|------------------------------------|---|
| Model: | Mini Van |
| Vehicle class: | Battery poweredvan, pickup |
| Country of manufacture: | China |
| Produced from: | 2008 |
| Price: | € 13 000 |
| Seating capacity: | 2 or 4 |
| Size: | L 379 cm, W 156 cm, H 192 cm |
| Weight: | 1 150 kgs |
| Cargo volume: | - |
| Permitted load: | 500 kgs |
| Battery type: | Lead, other kinds of batteries optional |
| Battery capacity: | 12 V/150 Ah |
| Drive system power: | 6,3 kW, up to 15 kW |
| Charging time: | 5-8 h |
| Charging time, fast charge: | Not available |
| Range: | 40-100 kms depending on batteries |
| Top speed: | 90 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Available with several different kinds of batteries. Sold on some markets as Sokon E-Power, with slightly different technical data. Italian Orsetto builds the vehicle for some markets. |
| More information: | http://green.autoblog.com/2011/05/03/dongfeng-aims-to-sell-100-000-electric-vehicles-by-2015/ |
| Official website: | www.dfmotorcycle.com.cn ; www.dfyuan.com/ |
| Contact information: | Dongfeng Motor Corporation, Wuhan, Hubei, China 430015 |

EPacked



| | |
|------------------------------------|--|
| Model: | Vivaro |
| Vehicle class: | Light truck, converted from diesel. Base car: Opel Vivaro |
| Country of manufacture: | Germany/Denmark |
| Produced from: | End of 2010 |
| Price: | - |
| Seating capacity: | 2 |
| Size: | L 478/518/544 cm, W 190 cm, H 198 cm |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lithium |
| Battery capacity: | - |
| Drive system power: | - |
| Charging time: | 6-8 h |
| Charging time, fast charge: | - |
| Range: | 120 kms |
| Top speed: | 120 km/h |
| Safety: | Base car not tested by Euro NCAP. Twin airbags in front, anti-lock brakes and traction control system standard. |
| Remarks: | Sold and serviced by selected Opel dealers in Denmark. Also available as minibuss. |
| More information: | |
| Official website: | http://epacked.dk |
| Contact information: | E-packed ApS, NyrupvNot 70, DK - 4180 Sorø, Denmark. Tel +45 - 4053 4059, fax +45 - 5760 1003, info@e-packed.com ; info@wiberg-sejr.com |

E-Ride



| | |
|------------------------------------|---|
| Model: | EVX2/EVX 4 |
| Vehicle class: | Light truck, factory built electric vehicle |
| Country of manufacture: | USA |
| Produced from: | 2006 |
| Price: | |
| Seating capacity: | EVX2: 2, EVX4: 4 |
| Size: | EVX2: L 415 cm, W 149 cm, H 183 cm EVX4: L 395 cm, W 174 cm, H 175 cm |
| Weight: | EVX2: 789 kgs, EVX4: 803 kgs |
| Cargo volume: | EVX2: 180x147 cm. EVX4: 69x140 cm |
| Permitted load: | - |
| Battery type: | Lead (maintenance free) |
| Battery capacity: | Lead: 180 Ah, 84 V |
| Drive system power: | 12 kW, 72 V, DC. Optional: 26 kW, 72 V, AC |
| Charging time: | 8-10 h |
| Charging time, fast charge: | Not available |
| Range: | 90 km |
| Top speed: | 40 km/h |
| Safety: | Airbags, anti-lock brakes, traction control system not available. |
| Remarks: | - |
| More information: | - |
| Official website: | http://e-ride.com |
| Contact information: | e-ride Industries, 3171 92nd Ave. Princeton, MN 55371, tel +1-800 950 4351, fax +1-763 389 2417, info@e-ride.com |

EVDrive



| | |
|------------------------------------|--|
| Model: | Nissan Cabstar 3,5 T |
| Vehicle class: | Light truck converted to EV |
| Country of manufacture: | Japan, conversion in Sweden |
| Produced from: | 2010 |
| Price: | 445 000 SEK |
| Seating capacity: | 3 |
| Size: | L 485 cm, W 190 cm, H 190 cm |
| Weight: | Ca 2 500 kgs |
| Cargo volume: | - |
| Permitted load: | Ca 1 000 kgs |
| Battery type: | Lithium |
| Battery capacity: | 30 kWh |
| Drive system power: | 28 kW |
| Charging time: | 8-10 hours, depending on battery size |
| Charging time, fast charge: | Not available |
| Range: | - |
| Top speed: | 70 km/h |
| Safety: | Not tested by Euro NCAP. twin airbags in front and anti-lock brakes standard. Traction control system not available. |
| Remarks: | A co-operation between Volvo Truck Center, Nissan Nordic and EVdrive in Falkenberg, Sweden. Available as flatbed and van, with different lengths. |
| More information: | - |
| Official website: | www.evdrive.se |
| Contact information: | EVdrive, Villagatan 2, 311 64 Vessigebo, Sweden tel +46-346-206 30, +46-70-376 32 82, ulf.josefsson@evdrive.se |

e-Wolf



| | |
|------------------------------------|---|
| Model: | Cargo |
| Vehicle class: | Van, converted from petrol |
| Country of manufacture: | Germany |
| Produced from: | 2011 |
| Price: | Around € 50 000 |
| Seating capacity: | 2 |
| Size: | L 440 cm, W 170 cm, H 180 cm |
| Weight: | 1 387 kgs |
| Cargo volume: | - |
| Permitted load: | 613 kgs |
| Battery type: | Lithium |
| Battery capacity: | 24 kWh |
| Drive system power: | 70 kW |
| Charging time: | More than 8 hrs |
| Charging time, fast charge: | Not available |
| Range: | 135 kms (NEFZ), 160 kms in 50 km/h |
| Top speed: | 130 km/h |
| Safety: | Not crash tested by Euro NCAP. twin airbags in front and anti-lock brakes standard, traction control system not available. |
| Remarks: | Three years warranty for batteries. |
| More information: | http://www.auto-motor-und-sport.de/eco/ewolf-e1-elektro-formel-drei-auto-auf-dem-lausitzring-1396287.html |
| Official website: | http://www.ewolf-car.com |
| Contact information: | e-Wolf Ernst-Heinrich-Geist-Straße 5, D-50226 Frechen, tel +49 (0)2234 2 77 75 7-70, fax +49 (0)2234 2 77 75 7-99 jh@ewolf-car.com |

e-Wolf



| | |
|------------------------------------|---|
| Model: | Omega 1.4 |
| Vehicle class: | Pick-up, converted from petrol |
| Country of manufacture: | Germany |
| Produced from: | 2011 |
| Price: | Around € 60 000 |
| Seating capacity: | 2/3 |
| Size: | L 585 cm, W 174 cm, H 212 cm |
| Weight: | 1 800 kgs |
| Cargo volume: | - |
| Permitted load: | 1 400 kgs |
| Battery type: | Lithium |
| Battery capacity: | 24 kWh |
| Drive system power: | 75 kW |
| Charging time: | More than 8 h |
| Charging time, fast charge: | - |
| Range: | 150 kms (NEFZ), 200 kms in 50 km/h |
| Top speed: | 100 km/h |
| Safety: | Not crash tested by Euro NCAP. Driver's airbags standard, anti-lock brakes and traction control system not available. |
| Remarks: | Three years warranty for batteries. |
| More information: | http://www.auto-motor-und-sport.de/eco/ewolf-e1-elektro-formel-drei-auto-auf-dem-lausitzring-1396287.html |
| Official website: | http://www.ewolf-car.com |
| Contact information: | e-Wolf Ernst-Heinrich-Geist-Straße 5, D-50226 Frechen, tel +49 (0)2234 2 77 75 7-70, fax +49 (0)2234 2 77 75 7-99 jh@ewolf-car.com |

Flybo



| | |
|------------------------------------|--|
| Model: | HT6C |
| Vehicle class: | Light truck, factory built electric vehicle |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | - |
| Seating capacity: | 2 |
| Size: | L 410 cm, W 148 cm, H 179 cm |
| Weight: | 787 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Lead |
| Battery capacity: | 12 V 150 Ah |
| Drive system power: | 6 kw, 72 V DC |
| Charging time: | 8 h 1-phase, 16 A 230 V |
| Charging time, fast charge: | 55 km/h |
| Range: | 110 km |
| Top speed: | - |
| Safety: | |
| Remarks: | |
| More information: | |
| Official website: | http://www.flybo.cn/xf/product_new.asp?id=507 |
| Contact information: | Jinan Flybo Motor Co.,Ltd, D1705 Donghuan Intl Plaza, Erhuan East Rd, Jinan 250100, tel +86-531 8353 2903, +86-5318353 2902, fax +86-531 8353 2910 flybomt@yahoo.com.cn |

Ford (Azure Dynamics)



| | |
|------------------------------------|---|
| Model: | Transit Connect electric |
| Vehicle class: | Passenger car, battery powered. Converted from petrol |
| Country of manufacture: | Turkey |
| Produced from: | 2011 |
| Price: | - |
| Seating capacity: | 2/5 |
| Size: | L 428 cm, W 180 cm, H 181 cm |
| Weight: | 1 791 kgs |
| Cargo volume: | 3,8 m3 |
| Permitted load: | 410 kgs |
| Battery type: | Lithium |
| Battery capacity: | 28 kWh |
| Drive system power: | 52 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | Not available |
| Range: | 130 km |
| Top speed: | 120 km/h |
| Safety: | Not tested by Euro NCAP. Twin airbags in front, anti-lock brakes and traction control system standard. |
| Remarks: | Norwegian mail services first European customer. Passenger car version with five seats sold on some markets. Smith Electrical Vehicles sells a different but similar EV version of Ford Tourneo Connect. |
| More information: | http://www.mynewsdesk.com/se/pressroom/ford/pressrelease/view/ford-transit-connect-electric-goer-debut-i-geneve-587990?utm_source=alert&utm_medium=email&utm_campaign=Alert&utm_content= |
| Official website: | http://www.azuredynamics.ch http://electric-vehicles-cars-bikes.blogspot.com/2011/03/norwegian-post-1st-customer-for-ford.html om/products/transit-connect-electric.htm |
| Contact information: | Ford Motor Company, Råvebergsvägen, 405 31 Göteborg, tel 031-70 71 000, infofbc@ford.se |

German E-Cars



| | |
|------------------------------------|--|
| Model: | Plantos |
| Vehicle class: | Light truck, converted from petrol/diesel |
| Country of manufacture: | Germany/Hungary |
| Produced from: | Late 2012 |
| Price: | - |
| Seating capacity: | 2/9 |
| Size: | - |
| Weight: | Total weight including cargo up to 3 500 kgs |
| Cargo volume: | - |
| Permitted load: | - |
| Battery type: | Litium |
| Battery capacity: | - |
| Drive system power: | - |
| Charging time: | - |
| Charging time, fast charge: | Not available |
| Range: | - |
| Top speed: | - |
| Safety: | Base car not tested by Euro NCAP. Twin airbags front and side airbags standard, anti-lock brakes and traction control system optional. |
| Remarks: | Based on Mercedes Sprinter. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/08/12/iveco-launch-ecodaily-electric-powered-van-in-uk/ http://www.theautandannel.com/news/2010/08/12/491656.html |
| Official website: | www.german-e-cars.de |
| Contact information: | German E-Cars GmbH, Über der Bahn 2, D-34393 Grebenstein, Tel +49-5674 9983-300, fax +49-5674 9983-9301, info@german-e-cars.de |

Iveco



| | |
|------------------------------------|--|
| Model: | Iveco EcoDaily Electric |
| Vehicle class: | Light truck, factory builtelectric vehicle |
| Country of manufacture: | Italy |
| Produced from: | 2011 |
| Price: | Great Britain GBP 40 000 excludingbatteries, GBP 63 000 with batteries |
| Seating capacity: | 3 |
| Size: | L 508 or 548 cm, W 188 cm, H 226 or 263 cm |
| Weight: | Total weight includingcargo up to 3 500 kgs |
| Cargo volume: | 7,3-10,2 m ³ (van) |
| Permitted load: | - |
| Battery type: | Zebra |
| Battery capacity: | 34 or 51 kWh |
| Drive system power: | 30 kW (60 kW peak) or 40 kW (80 kW peak) |
| Charging time: | 4-8 h |
| Charging time, fast charge: | Not available |
| Range: | 90-140 kms |
| Top speed: | 70 km/h |
| Safety: | Base car not tested by Euro NCAP. Twin airbagsfront and side airbagsstandard, anti-lock brakes and traction control system optional. |
| Remarks: | Cargo space same as diesel versions. Different from the Micro-Vett Iveco version. |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/08/12/iveco-launch-ecodaily-electric-powered-van-in-uk/ http://www.theautandannel.com/news/2010/08/12/491656.html |
| Official website: | www.iveco.com |
| Contact information: | Iveco S.p.A., Via Puglia 35, I-101 56 Turin, Italien |

MaxEV



| | |
|------------------------------------|---|
| Model: | maxEV |
| Vehicle class: | Light truck, converted from petrol/diesel. |
| Country of manufacture: | Germany/Australia |
| Produced from: | 2011 |
| Price: | |
| Seating capacity: | 2 |
| Size: | L 488 cm, W 179 cm, H 188 cm |
| Weight: | - |
| Cargo volume: | 4200 L |
| Permitted load: | 748 kgs |
| Battery type: | Lithium |
| Battery capacity: | 35 kWh |
| Drive system power: | 150 kW peak |
| Charging time: | 8-10 h (230 V, 16 A) |
| Charging time, fast charge: | 30 min with 3-phase charger |
| Range: | 150-200 kms |
| Top speed: | 130 km/h |
| Safety: | Not crash tested by Euro NCAP or equivalent. Airbags, anti-lock brakes, traction control system standard. |
| Remarks: | Developed by RLE International and Energetique. Batteries to last ten years with less than 20 % energy loss. Base car: Volkswagen Caddy Maxi |
| More information: | http://www.thegreencarwebsite.co.uk/blog/index.php/2010/09/15/partnership-produces-the-commercial-electric-vehicle-the-maxev/ |
| Official website: | http://www.evme.com.au/design/maxev-zero-emissions-maximum-space/ |
| Contact information: | Energetique Pty Ltd, 100 Barney Street, Armidale, NSW 2350 Australia, tel +61-2 6772 7113, fax +61-2 6772 8006, info@energetique.com.au |

Mercedes-Benz



| | |
|------------------------------------|--|
| Model: | Vito |
| Vehicle class: | Light truck, factory built electric vehicle |
| Country of manufacture: | Germany/Spain |
| Produced from: | 2011 |
| Price: | - |
| Seating capacity: | 2 |
| Size: | L 475 cm, W 190 cm, H 190 cm |
| Weight: | - |
| Cargo volume: | Ca 4 500 L |
| Permitted load: | 900 kgs |
| Battery type: | Lithium |
| Battery capacity: | 36 kWh |
| Drive system power: | 90 kW |
| Charging time: | 12 h with 220 V |
| Charging time, fast charge: | 4-6 h with 380/400 V |
| Range: | 130 km |
| Top speed: | 89 km/h |
| Safety: | Not tested by Euro NCAP. Twin airbags front, anti-lock brakes and traction control system standard. |
| Remarks: | 400 cars built in 2011. Used as taxi in London, in a slightly less powerful version developed by EcoCity Vehicles. Also available as passenger car. |
| More information: | http://www.greencarcongress.com/2010/02/evito-20100208.html |
| Official website: | www.mercedesbenz.com ; www.mercedes-benz.se ; www.mercedes-benz.no ; |
| Contact information: | Mercedes-Benz Sweden AB, Box 50531, 202 50 Malmö, Sweden. Tel +46-40 671 8484, fax +46-40 671 8485, info-malmoe@daimler.com |

Mia



| | |
|------------------------------------|--|
| Model: | Mia K/U |
| Vehicle class: | Vanbil, factory built electric vehicle |
| Country of manufacture: | Germany |
| Produced from: | 2011 |
| Price: | From € 18 000 |
| Seating capacity: | 1 or 2 |
| Size: | L 319 cm, W 164 cm, H 155 cm |
| Weight: | 765 kgs, 815 kgs with 12 kWh battery |
| Cargo volume: | 1 500 l with one seat, 1100 l with two seats |
| Permitted load: | 430 kgs |
| Battery type: | Lithium-iron-phosphates |
| Battery capacity: | 8/12 kWh |
| Drive system power: | |
| Charging time 230 V, 16 A: | 3-4/5 h (16 A) |
| Charging time, fast charge: | 20 min |
| Range: | 80/125 km (NEDC) |
| Top speed: | 100 km/h |
| Safety: | UTAC-approved. Not tested by Euro NCAP, driver's side airbag and anti-lock brakes standard, passenger airbag electronic traction control not available. |
| Remarks: | Previously marketed as Friendly, developed by Heuliez, became Mia after Heuliez bankruptcy. Plans 1000 cars/month. Batteries guaranteed for 3 years or 50 000 kms. |
| More information: | http://www.automotiveworld.com/news/environment/88227-france-mia-ev-enters-pilot-production http://www.automotto.org/entry/heuliez-friendly-concept-car-unveiled/ |
| Official website: | www.mia-electric.com |
| Contact information: | Mia Electric, Norbertstr 5, 451 31 Essen, Germany, info@mia-electric.com |

Modec



| | |
|------------------------------------|---|
| Model: | Modec |
| Vehicle class: | Light truck, factory built electric vehicle |
| Country of manufacture: | Great Britain |
| Produced from: | 2007 |
| Price: | Drop Side: Medium GBP 37 350, Long GBP 37 771, X-Long GBP 38 081 Box Van: Medium GBP 40 356, long, GBP 40,714, X-Long GBP 41 054 (excluding VAT). Batteries leased for GBP 518/month (Lithium) or GBP 650/month (NiCl), or sold for GBP 25 100/ GBP 31 000 |
| Seating capacity: | 2 |
| Size: | Pick-up: L 582/632/682 cm, W 245 cm, H 278 cm Van: L 581/631/681cm, W 245 cm, H 279 cm |
| Weight: | 2 944–2 988 kgs |
| Cargo volume: | 11-15 m ³ (van) |
| Permitted load: | 1,5-2 ton |
| Battery type: | Lithium or NiCl |
| Battery capacity: | 52 kWh (Lithium), 85 kWh (NiCl) |
| Drive system power: | 76 kW |
| Charging time: | 6-8 h with 415 V, 32 A |
| Charging time, fast charge: | Not available |
| Range: | 100 kms (Lithium), 160 kms (NiCl) |
| Top speed: | 80 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Bankrupt in 2011, production may resume with Liberty as new owner (see these). More than 200 built, sold in Denmark and Germany. |
| More information: | www.ecosilly.com/2008/11/10/ups-adds-12-modec-electric-vans-to-european-fleet/ http://www.automotiveworld.com/news/commercial-vehicles/86161-uk-modec-enters-administration |
| Official website: | www.modeczev.com |
| Contact information: | Modec, Progress Way, Binley Industrial Estate, CV3 2NT Coventry, Great Britain, tel +44-247 688 1488, fax +44-247 688 1499, info@modecZEV.com , lyndsay.ritchie@modecZEV.com |

Phoenix



| | |
|------------------------------------|---|
| Model: | SUT |
| Vehicle class: | Passenger vehicle or light truck, converted from petrol/diesel |
| Country of manufacture: | Sooth Korea/USA |
| Produced from: | 2009 (restarted in late 2010) |
| Price: | - |
| Seating capacity: | 5 |
| Size: | L 497 cm, W 190 cm, H 176 cm |
| Weight: | 2 186 kgs |
| Cargo volume: | - |
| Permitted load: | 454 kgs |
| Battery type: | Lithium |
| Battery capacity: | 35 kWh |
| Drive system power: | 110 kW |
| Charging time: | 5-6 h |
| Charging time, fast charge: | 10 min to 95 % with 250 kW charger |
| Range: | 160 km |
| Top speed: | 155 km/h |
| Safety: | Not tested by Euro NCAP. Twin airbags in front, anti-lock brakes and traction control system not available. |
| Remarks: | Based on Ssang Yong Actyon. Bankrupt in April 2009, bought in August 2009 by Al Yousuf LLC, production of pick-up version resumed in 2010, SUV discontinued. Also available as four-wheel-drive. |
| More information: | www.autobloggreen.com/category/phoenix-1 www.youtube.com/watch?v=KCKXwwEC2p8 http://green.autoblog.com/2009/09/18/under-the-radar-whats-up-with-phoenix-motorcars-and-bankruptcy/ |
| Official website: | www.phoenixmotorcars.com |
| Contact information: | Phoenix Mc, 401 S. Doubleday Avenue, Ontario, CA 91761, USA, info@phoenixmotorcars.com |



| | |
|------------------------------------|--|
| Model: | Kangoo Express ZE, Kangoo Maxi ZE |
| Vehicle class: | Factory built electric vehicle. Light truck. |
| Country of manufacture: | Turkey |
| Produced from: | June 2011 |
| Price: | From around € 19 000 excluding batteries |
| Seating capacity: | 2 |
| Size: | L 423 cm, W 183 cm, H 182 cm Maxi L 460 cm, W 183 cm, H 182 cm |
| Weight: | 1 410 kgs, Maxi 1 500 kgs |
| Cargo volume: | 3-3,5 m ³ , Maxi 4-4,6m ³ |
| Permitted load: | 650 kgs |
| Battery type: | Lithium |
| Battery capacity: | 22 kWh |
| Drive system power: | 44 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | 20 min |
| Range: | 170 kms |
| Top speed: | 130 km/h |
| Safety: | Four stars in Euro-NCAP (diesel version). Twin airbags in front, side airbags, anti-lock brakes and traction control system standard. |
| Remarks: | Maxi is longer version. Batteries leased for around € 80/month, maximum 15 000 km/year. Sold in Sweden from spring of 2012. |
| More information: | http://www.gronabilister.se/kangooel http://www.thegreencarwebsite.co.uk/blog/index.php/2011/07/08/test-driven-fluence-z-e-and-kangoo-z-e/ |
| Official website: | www.renault.se ; www.renault-ze.com |
| Contact information: | Renault Sweden, Box 1028, Fredrik Wigelius, 076-11 99 275, fredrik.wigelius@renault.com ; www.renault.se ; www.renault-ze.com |

Smith



| | |
|------------------------------------|---|
| Model: | Edison |
| Vehicle class: | Light truck, converted from diesel |
| Country of manufacture: | Great Britain |
| Produced from: | 2007 |
| Price: | - |
| Seating capacity: | 2 |
| Size: | L 542 cm, W 196 cm, H 223 cm |
| Weight: | Total weight under 3 500 kgs |
| Cargo volume: | - |
| Permitted load: | 1 330 kgs |
| Battery type: | Zebra |
| Battery capacity: | 24 kWh |
| Drive system power: | 50 kW |
| Charging time: | Ca 8 hours |
| Charging time, fast charge: | Not available |
| Range: | 240 kms |
| Top speed: | 80 km/h |
| Safety: | Not tested by Euro NCAP. Airbags and anti-lock brakes standard, traction control system not available. |
| Remarks: | Based on Ford Transit. Available as van, with raised roof, as minibuss and as chassie. Raised cargo capacity in 2011. |
| More information: | www.roadtransport.com/Articles/2007/05/11/127141/smith-launches-the-edison-an-all-new-electric-van.html http://www.thegreencarwebsite.co.uk/blog/index.php/2011/04/13/smith-electric-launches-new-sales-strategy/ |
| Official website: | www.smithelectricvehicles.com |
| Contact information: | Smith Electric Vehicles, Birtley Rd, Washington, Tyne&Wear, NE 38 9DA, Great Britain, tel +44-845 1557 755, fax -756, enquiries@smithelectricvehicles.com |

Via



| | |
|------------------------------------|---|
| Model: | eREV Vtrux Standard Cab, Crew Cab, Extended Cab |
| Vehicle class: | Light truck, converted from diesel to plug-in hybrid |
| Country of manufacture: | USA |
| Produced from: | 2012 |
| Price: | USD 79 000 |
| Seating capacity: | 2,3,4 or 5 |
| Size: | L 564 cm, W 202 cm, H 193 cm |
| Weight: | About 2 200 kgs |
| Cargo volume: | - |
| Permitted load: | About 550 kgs |
| Battery type: | Lithium |
| Battery capacity: | 24 kWh |
| Drive system power: | 300 kW |
| Charging time: | 4hours |
| Charging time, fast charge: | Not available |
| Range: | 30-60 kms in EV mode, |
| Top speed: | 130 km/h |
| Safety: | Not tested by Euro NCAP. Airbags and anti-lock brakes standard, traction control system not available. |
| Remarks: | Based on Chevrolet Silverado. Available as single or double cabin, several different configurations. SUV and van to follow. Production goal 20 000 cars/year. Batteries from A123. |
| More information: | http://www.greencarreports.com/news/1071028_via-motors-100-mpge-electric-pickup-launching-at-detroit |
| Official website: | www.erev.com |
| Contact information: | eREV, 975 North 1430 West, Orem, UT 84057, USA, tel +1-801-764-9111, fax +1-801-764-9333 (fax) |

ZAP



| | |
|------------------------------------|--|
| Model: | Zaptruck XL |
| Vehicle class: | Light truck, factory built electric vehicle |
| Country of manufacture: | USA/China |
| Produced from: | 2009 |
| Price: | - |
| Seating capacity: | 2 |
| Size: | L 425 cm, W 178 cm, H 145 cm |
| Weight: | - |
| Cargo volume: | 364 L |
| Permitted load: | Ca 300 kgs |
| Battery type: | Lithium |
| Battery capacity: | 24 kWh |
| Drive system power: | 40 continuous, 82 kWpeak |
| Charging time: | 8 h 1-phase, 16 A 230 V |
| Charging time, fast charge: | - |
| Range: | 150 km |
| Top speed: | 130 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | - |
| More information: | http://aec.army.mil/usaec/newsroom/awards09/09eqi.pdf http://zapglobal.wordpress.com/ |
| Official website: | www.zapworld.com/ |
| Contact information: | ZAP Headquarters, 501 Fourth Street, Santa Rosa, CA 95401, USA. Tel +1-707-525-8658, +1-800-251-4555, acampbell@zapworld.com |

1.4 Light transport vehicles

Dynasty Electric Car Corporation



| | |
|------------------------------------|--|
| Model: | IT Utility |
| Vehicle class: | Factory built electric vehicle. In the USA Neighbourhood Electric Vehicle (NEV) |
| Country of manufacture: | Canada/Pakistan |
| Produced from: | 2001 |
| Price: | From USD 19 000 |
| Seating capacity: | 2 |
| Size: | L 356 cm, W 152 cm, H 160 cm |
| Weight: | 660 kgs |
| Cargo volume: | - |
| Permitted load: | 700 kgs |
| Battery type: | Lead, maintenance free as option |
| Battery capacity: | 4x12V |
| Drive system power: | 4,1 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | Not available |
| Range: | 50 km |
| Top speed: | 40 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. Crash tested as moped in the USA. |
| Remarks: | AlsoVan (covered side windows, no rear seat). Also as "Passenger vehicle" (see this). |
| More information: | www.en.wikipedia.org/wiki/Dynasty_EV www.zapyx.com/electric-car-companies/dynasty-electric-car-corporation/ |
| Official website: | www.itiselectric.com |
| Contact information: | Dynasty Electric Vehicle Ltd, tel +1-604 943 2218, dannyep@telus.net, export@karakoramotors.com |

E-Z-GO



| | |
|------------------------------------|--|
| Model: | E-Z-Go |
| Vehicle class: | Factory built electric vehicle.Motorized working tool, class 2 |
| Country of manufacture: | USA |
| Produced from: | - |
| Price: | Not available |
| Seating capacity: | 2 |
| Size: | L 325 cm, W 122 cm, H 190 cm |
| Weight: | - |
| Cargo volume: | - |
| Permitted load: | 1 000 kgs |
| Battery type: | Lead, maintenance free |
| Battery capacity: | 4 kWh |
| Drive system power: | 9,2 or 9,7 kW |
| Charging time: | - |
| Charging time, fast charge: | Not available |
| Range: | - |
| Top speed: | 19 km/h |
| Safety: | Not tested by Euro NCA. |
| Remarks: | Available with many different specifications and levels of equipment. Delivery time 2 weeks to 3 months depending on equipment. |
| More information: | http://www.miljomaskiner.se |
| Official website: | www.ezgo.com |
| Contact information: | E-Z-GO, 1451 Marvin Griffin Road, Augusta, GA 30906, USA, tel +1-800 241 5855; http://www.ezgo.com/contact-e-z-go.html |

Goupil



| | |
|------------------------------------|--|
| Model: | Goupil G3 |
| Vehicle class: | Factory built electric vehicle.Motorized working toolclass 2 |
| Country of manufacture: | France |
| Produced from: | - |
| Price: | Short chassie from around € 20 000, long chassie from around € 21 000 (excluding VAT) |
| Seating capacity: | 2 |
| Size: | L 328 cm, W 117-137 cm, H 192 cm |
| Weight: | Ca 900 kgs |
| Cargo volume: | - |
| Permitted load: | Up to 700 kgs (depending on equipment) |
| Battery type: | Lead, 2V |
| Battery capacity: | 9,2 or 11,5 kWh, 5 Ah |
| Drive system power: | 4,0 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | Not available |
| Range: | Up to 130 kms depending on battery size |
| Top speed: | 30 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Available with several different configurations and levels of equipment, including flatbed and dropside. Towing capacity 3 000 kgs. Also available with 50 cm longer chassie and stronger engine (5,4 kW). Delivery time 2 weeks to 3 months depending on equipment. |
| More information: | www.lmk.nu/pdf/LMK_08-1.pdf |
| Official website: | www.goupil-industrie.eu www.nomaco.se ; www.miljomaskiner.se |
| Contact information: | Nomaco AB, Box 7048, 300 07 Halmstad, Sweden, tel 035-152 670, fax 035-152 671 |

Longwise



| | |
|------------------------------------|--|
| Model: | EVL025F |
| Vehicle class: | Factory builtelectric vehicle. In the USA Neighbourhood Electric Vehicle (NEV) |
| Country of manufacture: | China |
| Produced from: | - |
| Price: | Yuan 49 800 in China |
| Seating capacity: | 2 |
| Size: | L 394 cm, W 142 cm, H 184 cm |
| Weight: | 1 100 kgs |
| Cargo volume: | Cargo area 248x133 cm |
| Permitted load: | 1 000 kgs |
| Battery type: | Lead |
| Battery capacity: | 72 V |
| Drive system power: | 6,3 kW |
| Charging time: | 8 h |
| Charging time, fast charge: | Not available |
| Range: | 120 km |
| Top speed: | 45 km/h |
| Safety: | Not tested by Euro NCAP or equivalent. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | - |
| More information: | www.longwise.cn.alibaba.com/athena/offerdetail/sale/longwise-1036593-301358418.html#pageNav |
| Official website: | www.longwise.en.alibaba.com/aboutus.html |
| Contact information: | Zhejiang Longwise Technology Co, Shangpu Road, Hardware Science and Technology Industrial Park, Yongkang, Zhejiang, 321300, China |

Mega



| | |
|------------------------------------|---|
| Model: | eWorker (van, drop-side and pick-up) |
| Vehicle class: | Factory built electric vehicle. EU-moped or Motorcycle |
| Country of manufacture: | France/Great Britain (manufactured under licence In the USA) |
| Produced from: | 2008 |
| Price: | Great Britain: Pick-up GBP 11 882 Van: GBP 12 558 Drop-side: GBP 12 011 12 batteries: GBP 1200 extra |
| Seating capacity: | 2 |
| Size: | Van: L 333 cm, W 149 cm, H 183 cm Drop-side: L 333 cm, W 155 cm, H 180 cm |
| Weight: | Pick-up: 645 kgs; Drop-side: 670 kgs; Van: 700 kgs |
| Cargo volume: | 3 m ³ (van) |
| Permitted load: | If registered as EU moped: 275 kgs, if registered as motorcycle; Pick-up: 680 kgs; Drop-side: 655 kgs; Van: 625 kgs |
| Battery type: | Lead, 8 or 12 batteries, 12V, 40 Ah. Worker: Only 8 batteries. |
| Battery capacity: | 48 V, 10,1 kWh |
| Drive system power: | 4 kW (11 kW peak) |
| Charging time: | 5-6 h (8 A, 220 V, 1-phase or 1,5 A, 220 V 3-phase), 4-5 h 0-80 % |
| Charging time, fast charge: | Not available |
| Range: | Up to 65 km |
| Top speed: | 45-75 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, anti-lock brakes and traction control system not available. |
| Remarks: | Electric Car of the Year 2007 by Green Fleet. 2 years warranty. Towing capacity 1000 kgs. Production recently taken over by French Aixam. Produced under licence in the USA by Columbia ParCar. |
| More information: | www.nicecarcompany.co.uk/doblo-cargo.htm |
| Official website: | www.mega-vehicules.com ; www.mopedbil.com ; www.importinvest.se |
| Contact information: | Aixam Mega, 56 Route de Pugny – BP 112, 73101 Aix-Les-Bains Cedex, France, tel +33-479 6142 45, fax +33-479 35 0611, aixam@aixam-mega.fr |

Melex



| | |
|------------------------------------|---|
| Model: | Melex (several different versions for passengers and cargo) |
| Vehicle class: | Factory built electric vehicle. Motorized working toolclass 2, EU-moped or terrain vehicle |
| Country of manufacture: | Poland |
| Produced from: | - |
| Price: | Around € 6 000 – 20 000 |
| Seating capacity: | 2 |
| Size: | L 258-340 cm, W 117-120 cm (depending on model and equipment), H 172/178 cm |
| Weight: | 500-1000 kgs |
| Cargo volume: | (Flatbed or van) |
| Permitted load: | 150-1000 kgs (depending on model and equipment) |
| Battery type: | Lead, gel or AGM |
| Battery capacity: | 6,9-11,8 kWh |
| Drive system power: | 2,1-4 kW |
| Charging time: | 6-8 h |
| Charging time, fast charge: | Not available |
| Range: | 60-100 km |
| Top speed: | 24-50 km/h |
| Safety: | Not tested by Euro NCAP. Airbags, antilock-brakes and antispin system not available. |
| Remarks: | Available as pick-up, van, with trailer. Also under "Passenger vehicles". |
| More information: | - |
| Official website: | www.nomaco.se |
| Contact information: | Nomaco AB, Box 7048, 300 07 Halmstad, Sweden, tel +4635-152 67, fax +4635-152 671, info@nomaco.se |

Shandong Jindalu/Fulu



| | |
|------------------------------------|---|
| Model: | FL5000WZH-1 13 EEC |
| Vehicle class: | Factory built electric vehicle, in the USA NEV |
| Country of manufacture: | China |
| Produced from: | 2010 |
| Price: | USD 5 500 |
| Seating capacity: | 2 |
| Size: | L 337 cm, W 166 cm, H 156 cm |
| Weight: | 910kgs |
| Cargo volume: | 630 L (cargo box) |
| Permitted load: | 300 kgs |
| Battery type: | Lead |
| Battery capacity: | 6 V, 180 Ah |
| Drive system power: | 5 kW 72 V AC |
| Charging time: | 12 h |
| Charging time, fast charge: | - |
| Range: | 180 kms in constant 50 km/h |
| Top speed: | 75 km/h |
| Safety: | |
| Remarks: | EU approved. Sold in Latin America, the Middle East, Africa and China. Sold as Gfulu on some markets. |
| More information: | http://fulumotor.manufacturer.globalsources.com/si/6008817482717/pdtl/Electric-car/1035675740/Electric-Truck.htm |
| Official website: | http://www.gfulu.com |
| Contact information: | Shandong Jindalu Vehicle Co.Ltd, Dezhou Tianqu Industrial Zone, Dezhou, Shandong, 252000 China, tel +86 534 235 5086, fax +86 534 235 5086, jdlvehicle@163.com |