

6. Appendix: Electric Vehicles

	<p>Citröen AX électrique: 4-wheels, 2- or 4 seats, weight 995 kg, LxWxH: 3,525m x 1,55m x 1,355m 11 (20) kW DC motor with recuperation</p>	<p>Battery: NiCd 120V 100Ah max. speed 91 km/h, range 80 to 100 km energy consumption 13 to 18 kWh /100km (out of production, replaced by the SAXO)</p>
	<p>Citröen SAXO: 4 wheels, 4 seats weight 1085 kg, LxWxH: 3,718m x 1,595m x 1,390m 11 (20) kW DC motor with recuperation</p>	<p>NiCd battery 120V 100Ah speed 91 km/h range 75 km city driving energy: 18 kWh/100km production stopped in 2003</p>
	<p>Citröen Berlingo: 4-wheels, 2 seats, weight 1450 kg, payload 500 kg LxWxH: 4,108m x 1,719m x 1,809m 15,5 (28) kW DC engine with recuperation</p>	<p>NiCd battery 162V 100Ah max. speed 95 km/h range 95 km, energy for 100 km: 20 bis 25 kWh similar models: Renault Kangoo Peugeot Partner</p>
		<p>Prototypes/concept cars by SVE (Societe de Vehicules Electriques (Dassault/Huliez) France e-mail: info-sve@huliez.com Li-batteries (SAFT)</p>
		<p>Pre-production models by Zytec Electric Vehicles Ltd. www.zytek.co.uk Battery: ZEBRA battery, MES-DEA</p>
	<p>City-EI 3 wheels, 1 seat DC motor, either Thrige-Titan or Perm motor weight 290 kg, LxWxH 2,75m x 1,065m x 1,34 m Lead batteries 36V 100Ah,</p>	<p>max. speed 45 or 60 km/h, range ca. 40 to 80 km depending on type of battery energy for 100 km: 7 kWh Fa. CityCom, Industriestr. 5-9, D-97239 Aub bei Würzburg Tel. 09335-97170, Fax 09335-971728</p>
		<p>City-EI versions:</p> <ul style="list-style-type: none"> • Fun • Cabrio <p>CityCom AG www.cityel.com</p>

	<p>Electric Porter made by Piaggio in Italy Van/Combi, Pick Up or Bigdeck Small lorry made by Daihatsu, electric motor 9,2 kW at 84 Volt L: 3,37 - 3,75 m W: 1,395 - 1,46 m H: 1,72 m -1,87 m payload up to 400 kg</p>	<p>14 batteries of 6V each 180 Ah max. speed 60 km/h range up to 70 km PIAGGIO DEUTSCHLAND GMBH Marie Curie Strasse 8 50170 Kerpen +49 22736046 - 0 e-mail: info@piaggio.com Internet: www.piaggio.com</p>
	<p>Trans motor diesel or electric 48 V 4 kW rated power, battery 105 Ah (optional 210 Ah), range 30-60 km 2,67m L x 1,35m W x 1,82m H payload up to 500 kg front drive system</p>	<p>Information in Germany: Auto Technik Walther GmbH, Raiffeisenstr. 10, D-74906 Bad Rappenau, Tel. 07264 9187 0, Fax 07264 9187 27, www.atw-mobil.de</p>
		<p>Bi-Scot, France Internet: www.soffimat.co</p>
		<p>GEM Neighbourhood electric vehicle GEM, a DaimlerChrysler company USA Internet: www.gemcar.com</p>
	<p>Peugeot electric scooter made in France for 2 persons, DC motor 2,8kW with recuperation, batt. 18V 100Ah NiCd, max. speed 45km/h range 45 km, with eco-drive at 30 km/h about 60km charger: 1300 W for charging up to 95% in 2 h</p>	<p>L 1,76 m, W 0,80 m weight: 115kg Peugeot stopped the production of the Scootelec electric Internet: www.elektro-roller.de</p>
 <p>EVT scooter 4000 Both scooters made in Taiwan DC hub-wheel motor, direct drive</p>	 <p>EVT Scooter 168 system for best efficiency 1,5 kW rated, 2,8 kW max. power ECO</p>	<p>drive for max. range (speed 35 km/h, range up to 70 km) and power drive (speed 45 km/h, range up to 50 km)batteries maintenance free sealed lead batteries 48 V 45 Ah, up to zu 250 cycles (ca. 10.000 km) Import to Germany: EVT-Scooter, Gustav-Schwab- Str. 14, 78467 Konstanz Tel. 07531-60156 Fax 07531-60047 Internet: www.evt-scooter.de</p>

	<p>eton Roller (China) LxWXH: 1,71 x 0,645 x 1,06 m Wheelbase: 1,21 m, weight 121 kg max. speed: 45 / 57 km/h range 58 km at eco-mode hill climbing up to 22 % DC-motor, electronic control 3 kW at 5600 rpm</p>	<p>Import to Europe: BATHY Automotive, Wilfried Baars, Van Rouwenoortweg 39, NL-6942 PK Didam, fon ++31 316 294 554, fax - 960, Internet: www.bathy.nl e-mail: info@bathy.nl</p>
	<p>e-max (China) L / W / H: 1.6 / 0.65 / 1.07 m Weight: 111 kg / 224 kg max. speed: 45 km/h hub-wheel DC motor, 1,5 kW range: up to 60 km, 2 seats sealed lead-silicone batteries</p>	<p>import to Germany: SAP System Auto Parts GmbH Am Forst 17b D-92637 Weiden Telefon +49 (0) 961 388559 e-mail: info@system-auto-parts.de</p>
		<p>Vectrix Scooter (USA) www.vectrixusa.com www.vectrixusa.com new powerful scooter, (pre-production models) developed in the USA, production possibly in Poland, Battery or fuel-cell version</p>
		<p>env bike 6 kW motor, 1kW fuel cell, 2,4 kWh hydrogen plus 48V 16Ah lead acid battery speed: 80 km/h, range 160 km Intelligent Energy Holdings UK www.intelligent-energy.com</p>
	<p>Helio (egobike) made in USA (Taiwan) motor: 1.700 W (cont.), 4.000 Wp battery: 2 x 12 V/34 Ah, sealed energy for 100 km: 1 kWh with recuperation max. speed: 25 or 37 km/h range: 32 - 40 km</p>	<p>hill climbing: up to 20% frame: aluminium L / W / H: 163 x 58 x 112 cm weight: 59 kg, load: 114 kg tires: 20 x 1,95 Zoll Internet: www.egovehicles.de Tel. +0049 6251 588 Internet: www.solar-mobil.de e-mail: info@solar-mobil.de</p>
	<p>Swizzbee Powerbike Motor Heinzmann DC 24V, 270W Batterie NiCd (optional Metallhydrid)</p>	<p>Battery 7 Ah (optional 14 Ah) weight 26 kg incl. charger Internet: www.swizzbee.de</p>
	<p>MZ Charly Range: 17 – 21 km Average speed: City: 17.0 km/h / 10.5 mph Hill (6%): 15.5 km/h / 9.6 mph Hill (10%): 11.8 km/h / 7.3 mph Weight: 41.5 kg / 91.3 lbs. Weight of battery: 16.2 kg / 35.6 lbs</p>	<p>Battery capacity: 576 Wh Battery type: Lead Battery cost: € 160,- Contact information: Motorrad- und Zweiradwerk Alte Marienberger Str. 30-35 D - 09401 Zschopau-Hohndorf, e-mail: muz@muz.de Internet: www.muz.de</p>