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SHUTTLE M2
STREET LEGAL ELECTRIC MINIBUS 17 SEATS

TECHNICAL DATA – SHUTTLE M2

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| STREET LEGAL: M2 Class B category (sitting passengers bus) HOMOLOGATION: (2007/46/EC) | SUSPENSIONS: * Front: MacPherson independent suspension * Rear: rigid axle, with hydraulic helical springs hydraulic dumpers, Panhard bar |
| MOTOR: AC, 72V; Power = 7.5 kW TRANSMISSION: Reduction gear Ratio 12.3 :1 | |
| CONTROLLER: Electronic, for AC asynchronous motors SEVCON GEN4 550A (with booster to 650A) | BODY: Aluminum panels for 5 doors and side walls, injection / thermoformed plastics for front side, interiors and roof. 17 seats (driver + 16 passengers) |
| BATTERIES: a) PB/AC 18 x 8V – 170Ah (@20h) - nr. 2 battery packs (9x8V) connected in parallel (available configurations) b) AGM 18 x 8V – 160Ah (@20h) - nr. 2 battery packs (9x8V) connected in parallel c) Li/Ion 46 cells 200Ah - nr. 2 packs of 23 cells, connected in parallel | PERFORMANCES: * max speed: 45 km/h * range from 80 to 130 km (depending on road type, speed and slope) * slope 18% (full loaded) |
| BRAKES: Hydraulic on 4 wheels with double circuit, with anti-lock system - ABS * Front: disc * Rear: drum Handbrake on rear wheels | TYRES: 155/80 R12 |
| STEERING: * Rack-and-pinion with electric assistance EPS * Turning radius 5.6m | BATTERY CHARGER: 2 chargers 72V STANDARD FEATURES: * doors safety system; * electronic power steering; * front compartment heating /windscreen defrost - demist * radio CD player with speakers * alloy rims * reverse buzzer * homologated full front/rear lighting system, DC/DC converter, horn, steering column switches; * seatbelts: 3 points belts for forward facing seats and lap belts for reverse facing seats. |
| MAX DIMENSIONS: * length 5900mm * width 1500mm * height 2300mm * wheelbase 3200 mm | |
| MASS 1795 kg (running order with batteries) | |
| MASS (max): 3005 kg | |
| WARRANTY: 1 year on vehicle 2 years on batteries | COLOURS: * white / silver front (standard) * any other colour (option) |

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