E-WAY FULL ELECTRIC – 18m

WEIGHTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross kerb weight</td>
<td>according to equipment</td>
</tr>
<tr>
<td>G.V.W. max permitted weight</td>
<td>30,000 kg</td>
</tr>
</tbody>
</table>

DIMENSIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>17.960 m</td>
</tr>
<tr>
<td>Front/rear overhang</td>
<td>2.705/3.225 m</td>
</tr>
<tr>
<td>Front/rear wheelbase</td>
<td>5.355/6.675 m</td>
</tr>
<tr>
<td>Overall width</td>
<td>2.550 m</td>
</tr>
<tr>
<td>Total height, full load</td>
<td>3.350 m</td>
</tr>
<tr>
<td>Inside headroom (front part/rear part)</td>
<td>2.384/2.262 m</td>
</tr>
<tr>
<td>Slope of the floor (rear part only)</td>
<td>7.2%</td>
</tr>
<tr>
<td>1st step-height</td>
<td></td>
</tr>
<tr>
<td>Front door</td>
<td>0.320 m</td>
</tr>
<tr>
<td>Center &amp; rear door</td>
<td>0.330/0.340 m</td>
</tr>
<tr>
<td>Width of front / center / rear doors</td>
<td>1.200 m</td>
</tr>
<tr>
<td>Floor height</td>
<td>0.340 m</td>
</tr>
<tr>
<td>Ground clearance, under skirt</td>
<td>0.300 m</td>
</tr>
<tr>
<td>Front/rear tracking</td>
<td>2.087/1.869 m</td>
</tr>
<tr>
<td>Inner Turning radius</td>
<td>10.182 m</td>
</tr>
<tr>
<td>Outer Turning radius</td>
<td>11.700 m</td>
</tr>
<tr>
<td>Angle of attack / escape</td>
<td>7.4°/7.4°</td>
</tr>
<tr>
<td>BRT version in option (Overall length)</td>
<td>18.185 m</td>
</tr>
</tbody>
</table>

42 seats + “wheelchair” space (x) + driver
E-WAY FULL ELECTRIC – 18m

**ELECTRICAL ARCHITECTURE**
Batteries using LTO cells (Lithium Titanate Oxide)

<table>
<thead>
<tr>
<th></th>
<th>High power battery</th>
<th>Flex battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serial</td>
<td>102 kWh</td>
<td>3 door version for Europe</td>
</tr>
<tr>
<td>Option</td>
<td>117 kWh</td>
<td>3 door version for Europe</td>
</tr>
<tr>
<td>Electric motor</td>
<td>240 kW</td>
<td>Asynchronous 160/200 kW (torque 2100/2405 Nm)</td>
</tr>
</tbody>
</table>

Off board pantograph serial, option on board pantograph
Charging system:
- CCS Combo2 for balancing load (100 kW)
- 4 poles pantograph – up to 450 kW

**CHASSIS AND STRUCTURE - EXTERIOR TRIM**
Self-supporting integral structure. Anti-corrosion treatment of chassis by cataphoretic immersion. Body structure consisting in 5 panels (front/rear/left/right/top) made of welded stainless-steel sections and sheet panels. Assembling of the 8 panels to the chassis by bolting. 12mm thick plywood floor, protected by phenolic resins on both sides and wax containing resins on ground side. Composite front and rear ends, roof and side panels. Bonded assembly. Gravel resistant protected wheel arches. Composite front and rear bumpers in 3 parts.

**ACCESS AND DOORS**
3 or 4 inward swing/sliding doors. Both leaves of front door are double glazed. Electrical access ramp on the central door. Left and right self-de-frosting rear-view mirrors or motor driven and self-de-frosting rear-view mirrors with integrated flag holders.

**GLAZING - HEATING – COOLING**
TSA tinted or Shade-Lite panoramic laminated glass windscreen bonded on front face. Bonded side windows. Driver’s window: sliding type in front part. TSA tinted glass all round or Grey 40 or Venus 35 tinted except driver’s window, front door and rear window.
With or without triangular window on platform.
HVO or fuel or electric 20 kW or mix HVO/electric or fuel/electric heater
4 air exhausters on rear part of the roof
With or without passenger and/or driver’s compartment air conditioning With or without additional heater in passenger compartment
With or without motor driven or hand actuated opaque or translucent roof hatches.

**DRIVER’S COMPARTMENT**
Adjustable steering wheel (height and angle). Air-suspended driver’s seat with adjustment control on right-hand side. VDV instrument panel with warning lamps and control display panel.
Pivoting door, wall behind the driver with a glazed upper part. Interior rear-view mirrors. Left side and front sun visor. Driver’s individual with 2 spotlights, luggage box. Average fuel consumption on dashboard.
Adjustable steering wheel and dashboard in height and in slope
With or without anti aggression gate

**INTERIOR TRIM**
« wheelchair and pram » space
Epoxy or stainless-steel stanchions and handrails.
High wear resistant floor covering up to plinths top. Laminated roof and side panels.
Thermo-formed wheel arches. Polyester ceiling arches.
With or without fire extinguisher

**ELECTRICAL EQUIPMENT**
2-off 12 V 225 Ah maintenance-free batteries mounted on a sliding support located in an outside compartment at the vehicle front left-hand side.
Converter DC/DC 600/24 V
Passenger compartment lighted by leds lights.
Door step lighting at door opening. Lighting of driver’s compartment, paying position and steps. Electricity-saving system for intensive use whilst engine is off.
Thermal circuit-breakers.
Battery re-loading and engine start FENWICK socket
Front and rear lights with lads: parking lights, stop lights, fog lights, reverse lights and turning lights. Corner marker lights with leds.
FMS socket
8 passenger’s loudspeakers and 1 driver loudspeaker and 1 outside loudspeaker
Preparation for front or lateral electronic destination indicator.
With or without flashing/stop indicators on the top of rear end.
With or without atmosphere lightings.
With or without complete radio equipment.
With or without monoring gong for pedestrian zone.
With or without Front fog lights
With or without 24 V plug in engine compartment
Preparation for ITxPT
With or without Intellibus telematics system

**FRONT AXLE**
Front independent wheels.

**REAR AXLE**
ZF AV 133
Axle torque: 5,76 (21x38)

**SUSPENSION**
Constant height air suspension.
Kneeling and raising system (72 mm stroke) on vehicle right-hand side, controlled from the driving position.

**COMPRessed AIR**

**BRAKES**
Service brakes: air-controlled disc brakes at the front and at the rear. . ABS-ASR braking system. EBS braking system.
Parking brake and door brake controlled via separate circuits.
Pneumatic parking brake actuated by lack of air, spring chamber on rear wheels.
Service braking: electrical FAE
Brakes applied by opening of the central door.

**WHEELS AND TYRES**
Michelin or Bridgestone
275/70 R 22.5 tires at the front, twin tires at the rear.
With or without wheel covers.

**CERTIFICATION**
In accordance with the R100-2 Regulation
In accordance with the appendix 8 of the ECE R107 Regulation and with the appendix 11 of the decree of August 3rd, 2007
In compliance with R66 norm