VOLVO 7900 ELECTRIC
Go where people want to go

Model
Volvo 7900 2-axle low floor single deck electric citybus

Body specification

Electric motor
160kW / 400Nm

Transmission
Volvo 2-speed automatic transmission.

Energy storage system
High capacity 19kWh Lithium-Ion battery, which is water cooled using an active electronic system. Ramp heating with 400 VAC. Battery energy capacity is optimised according to conditions and energy requirements. This enables fast charging and maintains a high passenger capacity.

Charging system
The Volvo conductive opportunity charging system features roof-mounted charging rails centrally mounted above the front axle. Pantograph mounted to a charging station. Fully automatic fast charging sequence.

Rear axle
ZF AV132. Portal, double reduction axle, with optimised ratio.

Brakes
Volvo electronically controlled disc brakes (EBS 5). Brake Blending function (all). The electric motor functions as a retarder and recovers braking energy.

Steering
Hydraulic steering, electrically driven power steering pump.

Suspension
Electronically controlled air suspension with kneeling function.

Electrical
Automatic shut off of main switch at low voltage level.

Tyres & Wheels
7.5 x 22.5" wheels with 275/70R22.5 tyres.

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