



Technical parameters of 8 m battery electric bus

8.5 m battery e-bus description	
Electric motor	Prestolite MD90 (1900N·m)
Energy storage system	Lithium iron phosphate battery 172 kWh
Charging system	CCS2
Charging	up to 2 hours
Body	
Length × Width × Height (mm)	8522 × 2370 × 3215
Passenger capacity seated	14+2 (foldable) +1; or 13+3 (foldable) +1
Passenger capacity	max. 52
Door arrangement	1 – 2
Access ramp	Manual wheelchair ramp; or Electric wheelchair ramp
Entertainment	Wi Fi, USB chargers and audio system, gooseneck microphone
Chassis	
Front axle	Maintenance-free wheel hub
Rear axle	Maintenance-free wheel hub
Steering	Bosch 8095
Propeller shaft	Maintenance-free
Brakes	Disc brake, Wabco EBS, ABS and ASR
Auxiliary brake	Electric energy recycle system
Suspension levelling system	ECAS II with kneeling function

Ventilation and Air-conditioning	
Air-conditioning	Separate climate control system for driver and passengers; Battery thermo control system
Passenger compartment heating system	Heating pump; and Spheros electric heater
Auxiliary heating system	Electric defroster

Technical parameters of 12 m battery electric bus

12 m battery e-bus description	
Electric motor	Siemens 1DB2016-2NB06 (2500N·m)
Energy storage system	Lithium iron phosphate battery 345 kWh
Charging system	CCS2
Charging	up to 3 hours
Body	
Length × Width × Height (mm)	12000 × 2550 × 3398
Passenger capacity seated	29+3 (foldable) +1
Passenger capacity	Max. 84
Door arrangement	2- 2- 2; or 2- 2
Access ramp	Manual wheelchair ramp; or Electric wheelchair ramp
Entertainment	Wi Fi, USB chargers and audio system, gooseneck microphone

Chassis	
Front axle	ZF RL 82A/85A
Rear axle	ZF AV 132
Steering	Bosch 8098
Propeller shaft	Maintenance-free
Brakes	Disc brake, Wabco EBS, ABS and ASR
Auxiliary brake	Electric energy recycle system
Suspension levelling system	ECAS II with kneeling function
Ventilation and Air-conditioning	
Air-conditioning	Separate climate control system for driver and passengers; Independent battery thermo control system
Passenger compartment heating system	Heating pump; Spheros electric heater
Auxiliary heating system	Electric defroster
Ventilation system	Valeo transparent roof hatches; Electrical dual-function fans

Technical parameters of 18 m battery electric bus

18 m battery e-buses	
516 kWh	battery
130	passengers
Charging	up to 4 hours