



## 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-bus description	
Electric motor	Siemens drive system with PMSM central drive system
Energy storage system	Lithium iron phosphate battery 518 kWh
Charging system	CCS2 200A
Charging	up to 3 hours
Body	
Length × Width × Height (mm)	18170 x 2530 x 3630
Passenger capacity seated	38~48+2+1
Passenger capacity	max. 132
Door arrangement	3
Access ramp	Manual wheelchair ramp; or Electric wheelchair ramp
Entertainment	Wi Fi, USB chargers and audio system, gooseneck microphone
Chassis	
Front axle	ZF
Rear axle	ZF
Steering	ZF power steering gear (Bosch 8098 steering system)
Brakes	Dual-circuit service braking system; Energy storage spring parking brake; WABCO EBS3
Suspension	Air-suspension with 6 air bags ECAS (electronically controlled air suspension)
Ventilation and Air-conditioning	
Air-conditioning	Spheros A/C
Passenger compartment heating system	Spheros electric Heater