



Technical specifications of Chariot ultracapacitor e-bus

12 m Chariot UC e-bus description	
Electric motor	Siemens 1DB2016-2NB06 (2500N·m)
Energy storage system	40KWh Aowei Ultra-capacitor 720V1000F
Electric control system	Higer electric control system
Electrical system	Actia, CAN bus system
Charging system	Aowei pantograph (650V, 200A) + EU standards gun charging
Body	
Length × Width × Height (mm)	12000 × 2530 × 3630
Passenger capacity seated	34+2 (foldable) +1, or 30+2 (foldable) +1
Passenger capacity	Max. 90
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 82EC
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	ECASIIwith kneeling function
Ventilation and Air-conditioning	
Air-conditioning	Separate climate control system for driver and passengers; Full Sferos one touch climate control system
Passenger compartment heating system	Heating pump; Sferos electric heater
Auxiliary heating system	Electric defroster
Ventilation system	Valeo transparent roof hatches, and Electrical dual-function fans