

Technical specifications of Chariot ultracapacitor e-bus

18 m Chariot UC e-bus description	
Electric motor	Dana TZ488XSPE352WH-E (3700N·m)
Energy storage system	AOWEI UC battery 108kWh
Electric control system	Higer electric control system
Electrical system	Actia podium 2, CAN bus system
Charging system	CCS2

Body	
Length × Width × Height (mm)	18090 × 2550 × 3660
Passenger capacity seated	39+5 (foldable) +1
Passenger capacity	Max. 140
Door arrangement	2-2-2-2, or 2-2-2-2-2
Access ramp	Manual wheelchair ramp (two located at second and third doors, or Electric wheelchair ramp
Entertainment	Wi Fi, USB chargers and audio system, outside light strip, gooseneck microphone

Chassis	
Front axle	ZF RL 82A
Rear axle	ZF AV 133
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; Driver A/C separately
Passenger compartment heating system	Valeo electric heater
Auxiliary heating system	Electric defroster
Ventilation system	Valeo transparent roof hatches, and Electrical dual-function fans