



Technical data of 6.8m, 8.5m, 8.8m, 12m, and 18m Chariot city and intercity battery e-buses



## 6.8m battery e-bus technical specifications

Driveline		
Electric motor	Standard -	Fujian Yida
Energy storage system	Standard -	CATL LFP battery
Electric control system	Standard -	Higer electric control system
Charging system	Standard -	"CCS-combo 2" type charging socket
Maximum Speed	-	69km/h
Body		
Length × Width × Height (mm)	Standard -	6850 × 2100 × 2900
Passenger capacity seated	Standard -	13+2 (foldable) +1
Passenger capacity	Standard -	Max. 40
Door arrangement	Standard -	Single inward swing door
Driver seat	Standard -	ISRI 6860/875
Driver cabin	Standard -	The driver area is separated from the passenger compartment
Side windows	Standard -	Single glazed with UV protection
Rear-view Mirror	Standard -	Electric rear-view mirror
Wheelchair ramp	Standard -	YES
Chassis		
Front axle	Standard -	Independent suspension front axle
Rear axle	Standard -	DDAC EP8 E-axle
Steering	Standard -	Hydraulic steering
Propeller shaft	Standard -	Maintenance-free
Brakes	Standard -	Disc brake, Wabco EBS, ESC, ABS and ASR
Auxiliary brake	Standard -	Electric energy recycle system
Suspension levelling system	Standard -	ECAS II with kneeling function
Tires	Standard -	215/75R17.5
	Standard -	Alloy rim/ steel rim
Electrical system		
Air-conditioning	Standard -	Separate climate control system for driver and passengers
	Standard -	Battery thermo control system
Auxiliary heating system	Standard -	Electric defroster
Air-Conditioning	Standard -	NTC Air Conditioning
Driver dashboard	Standard -	Actia instrument
Monitor system	Standard -	Yes
Destinations signs	Standard -	LED destinations signs
Front lights	Standard -	LED
Rea/ side lamps	Standard -	LED
Brake light on the rear window	Standard -	Yes
Others	-	WIFI
	-	USB
	-	Gooseneck microphone

## 8.5m battery e-bus technical specifications

Driveline		
Electric motor	Standard -	Prestolite (DANA)
Energy storage system	Standard -	CATL LFP battery
Electric control system	Standard -	Higer electric control system
Charging system	Standard -	"CCS-combo 2" type charging socket
Maximum Speed	-	80km/h
Body		
Length × Width × Height (mm)	Standard -	8520 × 2814 × 3215
Passenger capacity seated	Standard -	14+2 (foldable) +1; or 13+3 (foldable) +1
Passenger capacity	Standard -	Max. 52
Door arrangement	Standard -	1 double door and 1 single door
Driver seat	Standard -	ISRI
Driver cabin	Standard -	The driver area is separated from the passenger compartment
Side windows	Standard -	Single glazed with UV protection
Rear-view Mirror	Standard -	Electric rear-view mirror
Wheelchair ramp	Standard -	YES
Chassis		
Front axle	Standard -	Maintenance-free wheel hub
Rear axle	Standard -	Maintenance-free wheel hub
Steering	Standard -	Bosch 8095
Propeller shaft	Standard -	Maintenance-free
Brakes	Standard -	Disc brake, Wabco EBS, ESC, ABS and ASR
Auxiliary brake	Standard -	Electric energy recycle system
Suspension levelling system	Standard -	ECAS II with kneeling function
Tires	Standard -	245/70R19.5
	Standard -	Alloy rim/ steel rim
Electrical system		
Air-conditioning	Standard -	Separate climate control system for driver and passengers;
Auxiliary heating system	Standard -	Electric defroster
Air-Conditioning	Standard -	NTCAC, TSD12
Driver dashboard	Standard -	Actia
Monitor system	Standard -	Yes
Destinations signs	Standard -	LED destinations signs
Front lights	Standard -	LED
Rea/ side lamps	Standard -	LED
Brake light on the rear window	Standard -	Yes
Others	-	WIFI
	-	USB
	-	Actia radio, Gooseneck microphone

## 8.8m Azure e-bus technical specifications

Driveline		
Electric motor	Standard -	Dana MD100F
Energy storage system	Standard -	CATL LFP battery
Electric control system	Standard -	Higer electric control system
Charging system	Standard -	"CCS-combo 2" type charging socket
Maximum Speed	-	70km/h
Bodywork		
Length × Width × Height (mm)	Standard -	8820×2440×3260
Passenger capacity seated	Standard -	19+2 (foldable)+1
Passenger capacity	Standard -	Max. 60
Door arrangement	Standard -	2-2; Single inswing front door / double sliding middle door
Driver seat	Standard -	ISRI
Driver cabin	Standard -	Separate the driver area from passenger compartment
Side windows	Standard -	Black privacy tint and UV protection
Rear-view Mirror	Standard -	Electric rear-view mirror
Wheelchair ramp	Standard -	Manual wheelchair ramp
Chassis		
Front axle	Standard -	Portable axle
Rear axle	Standard -	Low floor axle
Steering	Standard -	Steering Wheel Tilt and Telescopic, Bosch 8095 steering gear
Propeller shaft	Standard -	Maintenance-free
Brakes	Standard -	Wabco EBS, ABS and ASR
Auxiliary brake	Standard -	Electric energy recycle system
Suspension levelling system	Standard -	ECAS II with kneeling function
Tires	Standard -	255/70R22.5
	Standard -	Alloy rim/ steel rim
Electrical system		
Air-conditioning	Standard -	Air-conditioning with electrical drive
Auxiliary heating system	Standard -	Electric defroster
Air-Conditioning	Standard -	NTCAC, TSD12
Driver dashboard	Standard -	Actia Podium 2
Monitor system	Standard -	Yes
Destinations signs	Standard -	LED destinations signs
Front lights	Standard -	LED
Rea/ side lamps	Standard -	LED
Brake light on the rear window	Standard -	Yes
Others	-	WIFI
	-	USB type C charger
	-	Actia radio, Gooseneck microphone

# 12m Azure e-bus technical specifications

Driveline		
Electric motor	Standard -	Siemens
Energy storage system	Standard -	CATL LFP battery
Electric control system	Standard -	Higer electric control system
Charging system	Standard -	"CCS-combo 2" type charging socket
Maximum Speed	-	80km/h
Bodywork		
Length × Width × Height (mm)	Standard -	12090 × 2550 × 3300
Passenger capacity seated	Standard -	29+3 (foldable) +1
Passenger capacity	Standard -	Max. 73
Door arrangement	Standard -	2-2-2 or 2-2: Front in swing, middle (and rear) inswing or middle (and rear) sliding
Driver seat	Standard -	ISRI 6860/875
Driver cabin	Standard -	The driver area is separated from the passenger compartment
Side windows	Standard -	Single glazed with UV protection or Black privacy tint and UV protection
Rear-view Mirror	Standard -	Electric rear-view mirror
Wheelchair ramp	Standard -	Manual wheelchair ramp
Chassis		
Front axle	Standard -	ZF RL82EC / RL82A
Rear axle	Standard -	ZF AV133
Steering	Standard -	Steering Wheel Tilt and Telescopic, Bosch 8098 steering gear
Propeller shaft	Standard -	Maintenance-free
Brakes	Standard -	Wabco EBS, ABS and ASR
Auxiliary brake	Standard -	Electric energy recycle system
Suspension levelling system	Standard -	ECAS II with kneeling function
Tires	Standard -	275/70R22.5
	Standard -	Alloy rim/ steel rim
Electrical system		
Air-conditioning	Standard -	Air-conditioning with electrical drive
Auxiliary heating system	Standard -	Electric defroster
Air-Conditioning	Standard -	NTCAC, TSD12
Driver dashboard	Standard -	Actia Podium 2
Monitor system	Standard -	Yes
Destinations signs	Standard -	LED destinations signs
Front lights	Standard -	LED
Rea/ side lamps	Standard -	LED
Brake light on the rear window	Standard -	Yes
Others	-	WIFI
	-	USB
	-	Actia radio, Gooseneck microphone

# 12m Chariot battery e-bus technical specifications

Driveline		
Electric motor	Standard -	Siemens
Energy storage system	Standard -	CATL LFP battery
Electric control system	Standard -	Higer electric control system
Charging system	Standard -	"CCS-combo 2" type charging socket
Maximum Speed	-	80km/h
Bodywork		
Length × Width × Height (mm)	Standard -	12090 × 2550 × 3383
Passenger capacity seated	Standard -	29+3 (foldable) +1
Passenger capacity	Standard -	Max. 84
Door arrangement	Standard -	3 (optional 2 doble doors)
Driver seat	Standard -	ISRI
Driver cabin	Standard -	The driver area is separated from the passenger compartment
Side windows	Standard -	Single glazed with UV protection or black privacy tint and UV protection
Rear-view Mirror	Standard -	Electric rear-view mirror
Wheelchair ramp	Standard -	Manual wheelchair ramp; or Electric wheelchair ramp
Chassis		
Front axle	Standard -	ZF RL82EC / RL82A
Rear axle	Standard -	ZF AV 133
Steering	Standard -	Electro-hydraulic power steering, Bosch 8098 steering gear
Propeller shaft	Standard -	Maintenance-free
Brakes	Standard -	Disc brake, Wabco EBS, ABS and ASR
Auxiliary brake	Standard -	Electric energy recycle system
Suspension levelling system	Standard -	ECAS II with kneeling function
Tires	Standard -	275/ 70R22.5
	Standard -	Alloy rim/ steel rim
Electrical system		
Air-conditioning	Standard -	Separate climate control system for driver and passengers; Independent battery thermo control system
Auxiliary heating system	Standard -	Electric defroster
Air-Conditioning	Standard -	Spheros, REVO-E Global
Driver dashboard	Standard -	Actia Podium 2
Monitor system	Standard -	Yes
Destinations signs	Standard -	LED destinations signs
Front lights	Standard -	LED
Rea/ side lamps	Standard -	LED
Brake light on the rear window	Standard -	Yes
Others	-	WIFI
	-	USB Type C Charger
	-	Actia radio, Gooseneck microphone

# 12m intercity e-bus technical specifications

<b>Body</b>			
Length×Width×Height (mm)	Standard	-	12350×2500× 3820
Passenger capacity seated	Standard	-	55 seats + 3 standees+1 guide+1 driver
Baggage compartment volume (m³)	Standard	-	3.52m³
Wheelbase, mm	Standard	-	6500
Minimum ground clearance (mm)	Standard	-	≥190
Door arrangement	Standard	-	1-1, Swing door
Side windows	Standard	-	Double glazed/Single glazed, black privacy tint
Drive motor brand	Standard	-	Siemens 1DB2022 (260KW)
Control system brand	Standard	-	Higer electric control system
High voltage control cabinet form	Standard	-	4 in 1
Cooling mode of high voltage control	Standard	-	Water-cooling
Battery brand	Standard	-	CATL 423kWh (Water collant)
Charging system	Standard	-	"CCS-combo 2" type charging socket
<b>Chassis</b>			
Front axle	Standard	-	ZF RL 75E
Rear axle	Standard	-	ZF A 132 ratio 5.87
Steering	Standard	-	Bosch 8098
Propeller shaft	Standard	-	Maintenance-free
Brakes	Standard	-	Disc brake, Wabco EBS and ESC
Suspension levelling system	Standard	-	ECAS II with kneeling function
Tires	Standard	-	295/80R22.5
<b>Air-conditioning</b>			
Air-conditioning	Standard	-	NTC AC
Heating system	Standard	-	Electric heating system
Defrost	Standard	-	Electric defroster
<b>Electrical system</b>			
Electrical installation	Standard	-	Actia instrument
	Standard	-	CAN-Bus system
	Standard	-	VDO 4.0 tachograph
	Standard	-	Electrical windscreen sunshade
	Standard	-	Electrical rear-view mirrors with defroster
	Standard	-	Reversing radar
	Standard	-	Hannover LED destination sign
<b>Entertainment</b>	Standard	-	Wi-Fi
	Standard	-	USB charger
	Standard	-	Audio system, gooseneck microphone
Driver seat	Standard	-	ISRI air-suspension driver seat

# 18m Azure battery e-bus technical specifications

Driveline		
Electric motor	Standard -	Dana
Energy storage system	Standard -	CATL LFP battery
Electric control system	Standard -	Higer electric control system
Charging system	Standard -	"CCS-combo 2" type charging socket
Maximum Speed	-	80km/h
Bodywork		
Length × Width × Height (mm)	Standard -	18090 × 2550 × 3300
Passenger capacity seated	Standard -	41+4(foldable)+1
Passenger capacity	Standard -	Max. 140
Door arrangement	Standard -	Front inswing door +3 sliding doors
Driver seat	Standard -	ISRI
Driver cabin	Standard -	The driver area is separated from the passenger compartment
Side windows	Standard -	Black privacy tint and UV protection
Rear-view Mirror	Standard -	Electric rear-view mirror
Wheelchair ramp	Standard -	Manual wheelchair ramp
Chassis		
Front axle	Standard -	ZF RL82A
Middle axle	Standard -	ZF AVN132
Rear axle	Standard -	ZF AV133
Steering	Standard -	Steering Wheel Tilt and Telescopic, Bosch 8098 steering gear
Propeller shaft	Standard -	Maintenance-free
Brakes	Standard -	Wabco EBS, ABS and ASR, Front, middle and rear axle disc brake
Auxiliary brake	Standard -	Electric energy recycle system
Suspension levelling system	Standard -	ECAS II with kneeling function
Tires	Standard -	275/ 70R22.5
	Standard -	Alloy rim/ steel rim
Electrical system		
Air-conditioning	Standard -	Separate climate control system for driver and passengers; Independent battery thermo control system
Auxiliary heating system	Standard -	Electric defroster
Air-Conditioning	Standard -	Spheros, REVO-E Global
Driver dashboard	Standard -	Actia Podium 2
Monitor system	Standard -	Yes
Destinations signs	Standard -	LED destinations signs
Front lights	Standard -	LED
Rea/ side lamps	Standard -	LED
Brake light on the rear window	Standard -	Yes
Others	-	WIFI
	-	USB
	-	Actia radio, Gooseneck microphone, Reverse camera, and surveillance system





Find more information on: [www.chariot-electricbus.com](http://www.chariot-electricbus.com)

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