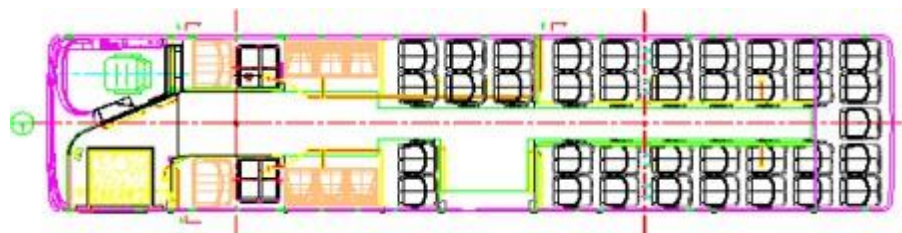



Internal layout

EV120 specifications

Basic Parameters	Model	EV120
	Fuel	Battery Electric
	LHD or RHD	RHD
	Passenger Capacity	45 to 47 seated
	Dimension (L*W*H, mm)	12500 × 2500 × 3520
	GVM (kg)	18,000
	Tare (kg)	13,500 (tbc)
	Approach/Departure angle (degrees)	TBA
	Min. Turning Diameter (m)	TBA
	Max. Grade (% , 1 min)	22%
	Continuous Max. Grade (%)	18%
	Top Speed (km/h)	100
Range	≥380km	



EV120 specifications continued

	Description	Standard	Component Brand
Power System	Traction Battery	385 kWh	✓ CATL
	Hydrogen Fuel Cell	N/A	N/A
	Drive Motor	TM4	✓ Dana
	Controller	TM4	✓ Dana
	Hydrogen Tanks	N/A	N/A
	Air Compressor	Electronic air compressor	✓ E-Piston
	Steering Pump	Electric steering pump	✓
Chassis	Suspension	Air suspension	✓ ZF
	ECAS	WABCO	✓ WABCO
	Front Axle (1)	Disc brake – Steer axle	✓ ZF
	Rear Axle (2)	Disc brake – Drive axle	✓ ZF
	Rear Axle (3)	Disc brake – Drive axle	✓ NA
	Tire	295/80R22.5	✓ Michelin
	Rim	22.5×8.25 (alloy)	✓ Alcoa
	Steering System	Electric - Hydraulic power steering	✓
	Braking system	WABCO AEBS braking system	✓ WABCO
Safety and Electrics	ADAS	Lane departure warning system	✓ Mobileye
	Dashboard	ACTIA	✓ ACTIA
	Camera System	Reversing cameras and buzzer	✓ Included
	Exterior Lamps	Hella	✓ Hella
	LV Battery	24V maintenance free	✓
	A/C	Cooling and heating A/C	✓ Valeo
	Floor heater	Driver's area heating	N/A
	Fire Suppression	HV compartment and portable	✓ Fogmaker
	Demister	PTC heater	✓ Valeo
	Body	Body Structure	Monocoque U-hoop 3CR12 stainless steel
Body Style		City Bus – New Energy style	✓
Wheelchair Ramp		Flip out ramp	✓ Ventura
Side Window		Tempered glass	✓
Floor Mats		Rubber	✓
Floor		Vinyl	✓
Destination Sign		Front and side standard	✓
Rear-view Mirror		Camera mirrors	Optional
Front Service Door		Inward Glider	✓ Ventura
Middle Service Door		Rapid Slide	✓ Ventura
Driver Seat		Air ride driver's seat with seatbelt	✓ ISRI
Passenger Seat		Standard fixed seat	✓ Fainsa (Others Optional)
USB ports		In dash	Optional
Wiper		Dual Arm	✓ Doga
Bell Press System		Wireless	✓ BMAC
Hand poles		Powder coated	✓

