



Internal layout



FC120 specifications

Basic Parameters	Model	FC120
	Fuel	Hydrogen
	LHD or RHD	RHD
	Passenger Capacity	1 Driver / 45 Passengers
	Dimension (L*W*H, mm)	12500 × 2500 × 3460
	GVM (kg)	18,000
	Tare (kg)	13,000
	Approach/Departure angle (degrees)	TBA
	Min. Turning Diameter (m)	TBA
	Max. Grade (% , 1 min)	20%
	Continuous Max. Grade (%)	15%
	Top Speed (km/h)	100
Range	≥520km	



FC120 specifications continued

	Description	Standard	Component Brand
Power System	Traction Battery	74 kWh	✓ CATL
	Hydrogen Fuel Cell	110kW	✓ Ballard
	Drive Motor	TM4	✓ Dana
	Controller	TM4	✓ Dana
	Hydrogen Tanks	350BAR (700BAR Optional)	✓ Hexagon
	Air Compressor	Electronic air compressor	✓ KTC
	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	Hydraulic power steering	✓ ZF / Bosch
	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 Extinguisher	HV compartment	✓
	Demister	PTC heater	✓ Valeo
Body	Body Structure	Monocoque U-hoop structure, imported 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	✓ AngelTraxx
	Rear-view Mirror	Camera mirrors	✓ AngelTraxx
	Front Service Door	Inward Glider	✓ Ventura
	Middle Service Door	Inward Glider	✓ Ventura
	Driver Seat	Air ride driver's seat with seatbelt	✓ ISRI
	Passenger Seat	Standard fixed seat	✓ Fainsa
	USB ports	In dash	Optional
	Wiper	Dual Arm	N/A
	Bell Press System	Wireless	
	Hand poles	Powder coated	✓

