

Internal layout



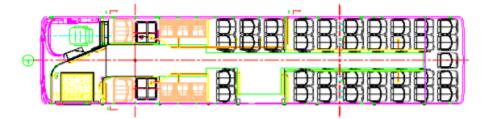






FC120 specifications

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
	Traction Battery	74 kWh	\checkmark	CATL
sis Power System	Hydrogen Fuel Cell	110kW	\checkmark	Ballard
	Drive Motor	TM4	\checkmark	Dana
	Controller	TM4	\checkmark	Dana
	Hydrogen Tanks	350BAR (700BAR Optional)	\checkmark	Hexagon
	Air Compressor	Electronic air compressor	\checkmark	KTC
	Steering Pump	Electric steering pump	\checkmark	
	Suspension	Air suspension	\checkmark	ZF
<u>i</u> as	ECAS	WABCO	\checkmark	WABCO
ชิ	Front Axle (1)	Disc brake – Steer axle	\checkmark	ZF
	Rear Axle (2)	Disc brake – Drive axle	\checkmark	ZF
	Rear Axle (3)	Disc brake – Drive axle	\checkmark	NA
	Tire	295/80R22.5	\checkmark	Michelin
	Rim	22.5×8.25 (alloy)	\checkmark	Alcoa
	Steering System	Hydraulic power steering	\checkmark	ZF / Bosch
	Braking system	WABCO AEBS braking system	\checkmark	WABCO
ŝ	ADAS	Lane departure warning system		Mobileye
Ĕ	Dashboard	ACTIA	\checkmark	ACTIA
ЩĞ	Camera System	Reversing cameras and buzzer	\checkmark	Included
σ	Exterior Lamps	Hella	\checkmark	Hella
d n	LV Battery	24V maintenance free	\checkmark	
e	A/C	Cooling and heating A/C	\checkmark	Valeo
Sa	Floor heater	Driver's area heating		N/A
	Fire Extinguisher	HV compartment	\checkmark	
	Demister	PTC heater	\checkmark	Valeo
	Body Structure	Monocoque U-hoop structure,imported stainless steel	\checkmark	
	Body Style	City Bus – New Energy style	\checkmark	
>	Wheelchair Ramp	Flip out ramp	\checkmark	Ventura
Body	Side Window	Tempered glass	\checkmark	
	Floor Mats	Rubber	\checkmark	
	Floor	Vinyl	\checkmark	
	Destination Sign	Front and side standard	\checkmark	AngelTraxx
	Rear-view Mirror	Camera mirrors	\checkmark	AngelTraxx
	Front Service Door	Inward Glider	\checkmark	Ventura
	Middle Service Door	Inward Glider	\checkmark	Ventura
	Driver Seat	Air ride driver's seat with seatbelt	\checkmark	ISRI
	Passenger Seat	Standard fixed seat	✓ ✓	Fainsa
	USB ports	In dash	• Optional	
	Wiper	Dual Arm	- phonon	N/A
	Bell Press System	Wireless		
	-		1	
	Hand poles	Powder coated	\checkmark	











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