

ECO-LIFE

ELECTRIC CITY BUS

*Engineered In **Europe**.
Designed For The **World**.*



TECHNICAL SPECIFICATION



VEHICLE DESCRIPTION	12M LF ELECTRIC CITY BUS
Vehicle Dimensions (L x W x H)	11950 mm X 2550 mm X 3570 mm
Wheel Base	6000 mm
Floor Height	360mm (Full Low Floor)
Seating Capacity	31 (2X2) + 1 Driver + 1 Wheel Chair
Passengers Seat Type	Plastic molded Seats with Cushion & integrated stanchion holder brackets
Driver Seat	4 way adjustable, with 3 point ELR seat belt with seat heater
Front Axle	Independent Front Suspension - ZF
Rear Axle	Inverted porter axle with Suspension - ZF
Suspension	Electronically Controlled Air Suspension System, ECAS
Brakes	EBS & ESC, Full Air Brake - WABCO
Kneeling system	Available
Tyres (Front & Rear)	Tubeless Radial 275/70 R22.5 X 8.25 Michelin or Equivalent
Structure & Bus Body	Monocoque body construction in Stainless Steel, Strength & Rollover Requirement as per EU / ECE R 66
Exterior Panels	Front & Rear FRP , Stretched Steel side panel and Aluminum skirt and roof
Passenger door	3 Nos: Inswing in front and 2 Outswing/Plug type door in middle & rear
Traction Motor	Central Motor HV2200-6P ; 250 kW peak
Steering System	Electric motor driven & Hydraulic power assisted steering with Tilt & telescopic mechanism
Max Speed	70 kmph
Battery Type	Advanced Chemistry Li-ion batteries
Regenerative Braking System	Yes
Charging System	Dual gun DC Ultra-Fast Charging CCS2 (200A X 2)
HVAC	Energy efficient Climate Control with Demister/Defroster. Active filter with antiviral function. Cooling+Heating.
Comfort & Convenience	Driver Comfort - ADAS, ECAS, EBS; Passenger Comfort - Low floor entry & bus kneeling for easy entry, high performing HVAC, Power ramp for assisting wheelchair
HV Safety	As per EU norms
Operational Range	Upto 300 kms (Apx.) - as per e-sort cycle
Regulatory compliance	As per EU / GSO / SASO / ADR