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SPEARHEADING THE

GREEN REVOLUTION.



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ECO-LIFE | 

ELECTRIC CITY BUS

Zero Emission, Smart Transport

TECHNICAL SPECIFICATION

ECO-LIFE

VEHICLE DESCRIPTION	12M LF	12M HF
Vehicle Dimensions (L x W x H)	12000 mm X 2576 mm X 3470 mm	12000 mm X 2576 mm X 3508 mm
Wheel Base	6320 mm	6200 mm
GVW	18500 Kgs	
Floor Height	380 mm	900 mm
Passenger Capacity (As per CMVR)	72	
Front Axle	Heavy Duty Rigid Axle	
Rear Axle	Fully Floating; Hub reduction, Single reduction (optional)	
Suspension	Front & Rear Air Suspension; ECAS (optional)	
Brakes	All Disc brakes, Drum (optional)	
Kneeling system	Available	(optional)
Tyres (Front & Rear)	295/80 R22.5 Radial Tubeless	
Structure & Bus Body	Corrosion resistant Monocoque structure with high strength steel, Bus Body as per AIS052	Ladder frame chassis; Body Construction with high strength steel; Bus Body as per AIS052
Exterior Panels	Front & Rear FRP; Side panel Aluminium, Stretched steel	
Passenger doors	Automatic doors - (front & middle)	
Type of Doors	Jack-Knife, In-Swing type, Out-Swing (optional)	
Wheelchair Ramp	Pneumatically operated, Manual (optional)	
Traction Motor	Permanent magnet synchronous Motor, 250 KW Max. Power	
Steering System	Electrically driven & Hydraulic power assisted steering with Tilt & telescopic mechanism	
Max Speed	80 kmph	
Battery Type	Advanced Li-ion Chemistry	
Regenerative Braking System	Yes	
Charging System	Plug-in fast charging (CCS-2)	
HVAC	Yes, Heating (optional)	
HV Safety	Protection against Surge, Short Circuit & Overload Constant insulation monitoring and Interlock for safety	
Daily Operational Range	300 kms	
Comfort & Convenience	Comfortable leg room; USB charging; Vehicle tracking; Reclining seat	

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