

SUSTAINABILITY POWERED BY FUTURE TECHNOLOGY



GALAXY

ELECTRIC COACH

TECHNICAL SPECIFICATION

VEHICLE DESCRIPTION	GALAXY
Vehicle Dimensions (L x W x H)	12400 mm X 2550 mm X 3650 mm
Wheel Base	6350 mm
Floor Height	Sunken Gangway at 1250 mm, Flat Seat platform 1400mm
Seating Capacity	40~60 (2X2) + Driver + foldable Co-driver
Passengers Seat Type	Luxury Reclining/Fixed high Back
Luggage Space	~ 6 Cu Mtrs
Driver Seat	4 way adjustable, with 3 point ELR seat belt
Front Axle	Independent Front Suspension - ZF RL75E or Equivalent
Rear Axle	Fully Floating Single Reduction - ZF A133 or Equivalent
Suspension	Electronically Controlled Air Suspension System, ESP
Brakes	ABS, EBS & ESC, Full Air Brake - WABCO or Equivalent
Kneeling system	Available
Tyres (Front & Rear)	Tubeless Radial 295/80 R22.5 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
Emergency Exits	1 Service door b/w wheelbase & 2 Roof escape hatches
Passenger door	1 Outswing door at FOH
Traction Motor	Permanent Magnet Synchronous Motor 350 KW peak
Steering System	Electric motor driven & Hydraulic power assisted steering with Tilt & telescopic mechanism
Max Speed	100 kmph
Battery Type	Advanced Chemistry Li-ion batteries
Battery Capacity	513kw
Regenerative Braking System	Yes
Charging System	Off Board Dual Plug-In DC Ultra-Fast Charging CCS2
HVAC	Energy efficient Climate Control System with UV disinfectant & Fresh Air features
Comfort & Convenience	Driver-ADAS ECAS, EBS, EVSC, Hill hold for driving comfort. Passenger Seat Calf Support (Optional), Vehicle Tracking, Personalized reading lamp & AC louver, USB charging.
HV Safety	Protection against Surge, short circuit, constant insulation monitoring and Interlock for safety
Operational Range	400km + on Single Charge