e-VERSE

JBM Group
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OR OTHER BUS LIKE OURS



e-SKOOLIFE

e9 | e12

ELECTRIC SCHOOL BUS

Zero Emission, Smart Transport

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TECHNICAL SPECIFICATION

e-SKOOLIFE

VEHICLE DESCRIPTION	9M SF	12M HF
Vehicle Dimensions (L x W x H)	9300 mm X 2477 mm X 3465 mm	11990 mm X 2590 mm X 3700 mm
Wheel Base	4750 mm	6200 mm
GVW (Max)	14000 kgs	19500 Kgs
Floor Height	900 mm	1140 mm
Seating Capacity (Bench Type)	38 students (2x2) / 45 students (3x2) / 52 students (3X3)+Driver	54 students (2x2) / 65 students (3x2) / 70 students (3X3)+Driver
Luggage Rack	(Optional)	
Front Axle	Heavy Duty Rigid Axle	
Rear Axle	Fully Floating, Single reduction Banjo	
Suspension	Front & Rear Air Suspension; ECAS (optional)	
Brakes	Disc brakes, Drum (optional), EBS, ESC	
Tyres (Front & Rear)	255/70 R22.5 Radial Tubeless	295/80 R22.5 Radial Tubeless
Structure & Bus body	Ladder frame chassis, Body Structure- Corrosion resistant high strength steel, Bus body as per AIS 052 & 063	
Side Panels	Aluminium, Stretched steel (optional)	
Exterior Panels	Front & Rear FRP; Side panel Aluminium, Stretched steel	
Passenger doors	Automatic door at front integrated with extra lower step	
Type of Doors	Jack-knife, Out-swing (optional)	
Traction Motor	Permanent Magnet Synchronous motor 200kW Max. Power	Permanent Magnet Synchronous motor 250kW Max. Power
Steering System	Electric Motor driven & Hydraulic power assisted steering with Tilt & telescopic mechanism	
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, Interlock and FDSS for safety	
Comfort & Convenience	Comfortable leg room, Retractable Foot Step, Vehicle tracking, Surveillance Camera	

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