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e-SKOLIFE

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ELECTRIC SCHOOL BUS

Zero Emission, Smart Transport

TECHNICAL SPECIFICATION

e-SKOLIFE

VEHICLE DESCRIPTION	9M HF	12M HF
Vehicle Dimensions (L x W x H)	9300 mm X 2477 mm X 3465 mm	12000 mm X 2576 mm X 3508 mm
Wheel Base	4750 mm	6200 mm
GVW	14000 kg	18500 Kgs
Floor Height	900 mm	
Seating Capacity	37 students (2x2) / 45 students (3x2) / 54 students (3X3)+Driver	49 students (2x2) / 64 students (3x2) / 76 students (3X3)+Driver
Luggage Rack	(Optional)	
Front Axle	Heavy Duty Rigid Axle	
Rear Axle	Fully Floating, Single reduction	Fully Floating; Hub reduction, Single reduction (optional)
Suspension	Front & Rear Air Suspension; ECAS (optional)	
Brakes	All Disc brakes, Drum (optional)	
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)	
Passenger doors	Automatic door at front integrated with extra lower step	
Type of Doors	Out-Swing, Jack-Knife (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	
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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