e-VERSE

JBM Group
Our milestones are touchstones

DRIVING INNOVATION,
POWERING TOMORROW

ECO-LIFE
ELECTRIC CITY BUS

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Zero Emission, Smart Transport

TECHNICAL SPECIFICATION

ECO-LIFE

VEHICLE DESCRIPTION	12M TRUE LOW FLOOR	12M LOW FLOOR
Vehicle Dimensions (L x W x H)	12000 mm X 2550 mm X 3500 mm	
Wheel Base	6320 mm	
GVW	19000 Kgs	
Floor Height	340 mm	400 mm
Passenger Capacity	26 seats +Wheel Chair + 30 Standee (3 passenger doors)	35 seats + wheelchair + 28 Standee (2 passenger doors)
Front Axle	Independent Front Suspension	
Rear Axle	Hub Motor Axle / Portal Axle	Fully floating Banjo with Hub reduction
Suspension	Full Air Suspension with Anitroll bars	
Brakes	ABS with Disc Air Brake, EBS & ESC	
Kneeling system	Available 60 mm	
Tyres	275/70 R22.5 Tubeless	
Structure	Corrosion resistant Stainless Steel Monocoque Structure	
Exterior Panels	Front & Rear- FRP. Side:- 1.5 mm Aluminium / 1.0 mm GI Stretch panel & 3mm Aluminium skirt panels with FRP wheel arch panels. Roof:- GFRP Laminate	
Passenger doors	3 doors - 1 at FOH & 1 b/w Wheel Base & 1 at ROH	2 doors - 1 at FOH & 1 b/w Wheel Base
Type of Doors	Plug / Outswing / In Swing Type	
Wheelchair Ramp	Cassette type Power Operated / Wrap-over type Manual	
Traction Motor	Central Motor 250 KW peak/ Hub motor- (180X2)kW peak	
Steering	Hydraulic Power Assisted, Adjustable-Tilt & Telescopic, variable ratio steering	
Max Speed	80 kmph	
Battery Specification	Advanced Chemistry Li-ion batteries	
Regenerative Braking System	Yes	
Charging System	DC Dual Gun Ultra-Fast Charging CCS2	
HVAC	Energy efficient Air conditioning System (cooling & Heating) with Demister, Active filter with antiviral function, Optional - Heating with side panel heating units & Turbo roof ventilator	
Motor Type	Permanent Magnet Synchronous Motor	
Operational Range	400-500 kms in a day	

Sales & Marketing Office - JBM Electric Vehicle Pvt. Ltd.
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