

Starbus EV

Designed and developed indigenously, the Tata Starbus EV has a full-electric drivetrain with a standard floor height of 900mm. The Tata Starbus EV is India's most successful and popular electric bus brand, with over 730 units operational across the country. Designed for urban city commute, it is a modern state-of-the-art electric bus. With zero-emission and low noise operations, the newly designed electric bus raises the benchmark for cleaner public transport vehicle. It comes with modern features like ease of boarding, comfortable seats and ease of operations for the driver.

Features:

- Full-electric drivetrain with zero emissions for clean air
- High range of ~200 to 250km with AC & ~250 to 300km without AC in single charge
- Regenerative braking for high efficiency
- Electronic Braking System (EBS) and Electronic Stability Control (ESC) for higher safety
- Compliant with Advanced Driver Assistance System (ADAS) like Driver Monitoring System (DMS), Lane Departure Warning System (LDWS), Tyre Pressure Monitoring System (TPMS) and Frontal collision avoidance system
- Full air suspension for maximum passenger comfort
- High safety and security with Intelligent Transport System (ITS)
- New generation telematics for efficient and user-friendly vehicle maintenance and tracking
- Passenger information system with destination boards and audio announcements
- Utility provisions like charging ports
- Fatigue-free driving without clutch and gear shifting, air suspended driver seat (optional)
- New stylised interior and exterior with plush interior lighting, driver console
- Roomy interiors which can be customised as per the application and regulations
- Lift mechanism for ease of boarding for disabled persons

Applications: Urban Passenger Transport (City Bus)



for immediate use

PRODUCT NOTE

Technical specifications:

Parameter	Description
GVW	19.5 tonne
Overall Dimensions (mm)	12000
Wheel Base (mm)	6200
Floor Height (mm)	900
Overall Height (mm)	3650
Overall Width (mm)	2600
No. of Doors	2
Seating Capacity	1) 35 + Driver + Wheel chair
	2) 39 + Driver (customisation options also available)
Brakes	Disc Brake in the front & Drum brake at the rear with EBS & ESC
Air suspension	Air suspension in the front & rear
Steering	Hydraulic assisted power steering
Performance	
Max. Speed	70 kmph
Grade-ability	17% at Rated GVW
Range	~200 to 250km with AC and ~250 to 300km without AC
HV System	
Motor	Integrated Motor Generator
	Max Power – 245KW
HV Battery	Lithium-ion Battery Pack-Capacity - ~300 to 400kWh
Fast Charging	2 to 3 hours for full charge

