

STARBUS EV: (Tata Starbus 4/12m LE EV)

Tata Motors is promoting electric buses with a view to modernise urban transportation, reduce pollution and provide enhanced features for Passengers - such as improved safety & comfort, ease of boarding for the elderly women & children. Designed and developed by Tata Motors, the Tata Starbus 4/12m LE EV is the first full electric drivetrain. It is a modern state-of-the-art solution for Urban Transport requirements.

USP:

- Full Electric Drivetrain with Zero Emissions for clean air
- Fatigue free driving without clutch and gear shifting
- Roomy interiors which can be customized as per the application and regulations
- 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
- Stylized interior and exterior with LED headlamps, plush interior lighting
- Utility provisions like charging ports, Wi-Fi hotspot for on-the-go connectivity
- Regenerative braking for high efficiency

Applications: Urban Transport (City Bus)

Technical Specifications:

Parameter	STARBUS EV : (Tata Starbus 4/12 LE EV)
<b>CHASSIS</b>	
GVW	19.5T
Overall Dimensions (mm)	12000
Wheel Base (mm)	6300
Floor Height (mm)	400
Overall Height (mm)	3350
Overall Width (mm)	2600
No. Doors	2 Nos (one in front & one in between the wheelbase)
Seating Capacity	35+ Driver +Wheel chair & options as per request
Brakes	Disc Brake in the front & Drum brake at the rear with EBS (Optional)
Air suspension	Air suspension in the front & rear
Steering	Hydraulic power steering with Tilt & Telescopic feature (Optional)
<b>PERFORMANCE</b>	
Max. Speed	70 km/h
Acceleration	> 0.8 m/s <sup>2</sup>
Grade-ability	Min 17% @ Rated GVW
Range	> 200 kms as per CMVR
<b>HV SYSTEM</b>	
Motor	Integrated Motor Generator Max Power – 245 KW
HV Battery	Lithium-ion Battery Pack (>352 KWH)
Fast Charging	Yes (2 to 3 Hrs full charge)