**Tata Starbus EV: Tata 4/12 Low Entry Electric bus**

Designed and developed by Tata Motors, the Tata 4/12m Low Entry Electric Bus is the first full-electric drivetrain. It is a modern state-of-the-art solution for urban transport requirements. Tata Motors is endorsing electric buses with a view to modernise urban transportation, reduce pollution and provide enhanced features for passengers – such as improved safety and comfort, ease of boarding for the elderly and children. With zero-emission and noiseless operations, the newly designed electric bus meets the requirement for cleaner public transport vehicle.

**USPs:**

* Full-electric drivetrain with zero emissions for clean air
* Fatigue-free driving without clutch and gear shifting
* Roomy interiors which can be customised 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
* Stylised 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:**

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| **CHASSIS** | |
| GVW | 19.5T Max |
| 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 (optional feature of ECAS) |
| Steering | Hydraulic power steering with Tilt & Telescopic feature (Optional) |
| **PERFORMANCE** | |
| Max. Speed | 70-75 kmph |
| Acceleration | > 0.8 m/s2 |
| Grade-ability | Min 17% @ Rated GVW |
| Range | > 200 km & scalable as per requirements. |
| **HV SYSTEM** | |
| Motor | Integrated Motor Generator  Max Power – 245 KW |
| HV Battery | Lithium-ion Battery Pack ( ~ 250 KWH and Scalable as per the range requirements) |
| Fast Charging | Yes (2 to 3 hours for full charge) |