

Tata Ace EV

The Tata Ace EV, featuring the EVOGEN powertrain, offers committed on-time delivery, zero-emission solution for the urban cargo transportation. With a range of 154km on a single charge with the home charging solution, the Ace EV is a technologically-advanced electric commercial vehicle aimed at offering holistic solutions to e-commerce companies for sustainable intra-city transportation. It offers features like telematics, liquid cooling system for battery and regenerative braking to redefine sustainable mobility and safe operations.

USPs:

- Range of 154km on single charge
- Highest gradeability of 22%
- Advanced battery cooling system for safe operations, IP 67 rated water and dust proof drive parts
- Higher load per trip: Overall weight management through fully-built body
- 6 years or 1.6 lacs kms battery warranty, robust energy management system, all weather protection
- Highest uptime in the segment with support from Tata Motors' dedicated service support and value-added services
- Charging infrastructure solution for easy and safe charging
- Connectivity solutions – live monitoring of vehicles through dedicated support centre

Technical specifications:

Dimensions	
Load body	
Inner Dimensions	2125 x 1410 x 1450 mm
Inner Loading Space	154 ft ³
Body	
Length	3800 mm
Width	1500 mm
Height	2235 mm (unladen)
Wheelbase	2100 mm
Min Turning Radius	4300 mm
Ground Clearance	160 mm

Weight & Performance	
Gross Vehicle Weight	1840 kg

Transmission, Suspension & Steering	
Transmission	Single speed gearbox, clutch free, rear-wheel drive
Suspension	Rigid front & rear suspension with leaf springs
Tyres	155 R13 LT 8PR
Steering	Mechanical, variable ratio

for immediate use

PRODUCT NOTE

Battery and Motor Performance	
Battery Chemistry	Lithium Ion Iron phosphate (LFP)
IP Rating	IP 67 – All drive parts
Battery energy capacity	21.3kWh
Nominal Voltage	93V
Traction motor	AC Induction motor
Max. Torque	130Nm
Max. Motor Output	27kW (36bhp)
Certified Range in Single Charge	154km
Regenerative braking	While braking, coasting & downhill

Charging	
Charging Modes	Fast & regular charging
Charging port	Two separate ports for fast & regular charging
Fast charging time	105 min (10% to 80%)
Regular Charging time	7 hours (20% to 100%)
On-board charger	Home plug solution with 16A socket
	On-board charging gun provided