

TIGOR EV

The TIGOR EV is a completely electric, zero emission ‘StyleBack’ sedan that showcases a stunning, break-free and revolutionary design. With its futuristic design, sensuous proportions and versatile platform, the car is ideally suited to transform into electric vehicles.

Derived from the TIGOR StyleBack sedan, TIGOR EV is a reflection of Tata Motors’ desire to innovate constantly and to be at the forefront of market changes with the correct technology for India. It is set to build on Tata Motors’ current passenger vehicle portfolio.

Taking a step further towards the future of mobility, the TIGOR EV signals Tata Motors’ shift from the use of an internal combustion engine (ICE). The TIGOR EV will have a single speed, automatic transmission, which will allow customers to seamlessly enjoy the driving experience, maximize efficiency and improve acceleration. The TIGOR EV enjoys high levels of performance as it is powered by a 3 phase AC induction motor that provides a maximum of 30 kW @ 4500 rpm and a wide, flat torque curve from very low rpm. The motor and the battery combination offers high energy density, low energy consumption as well as fast charging capability.

Technical Specifications:

Parameter	Description	TIGOR EV
Vehicle Type	NA	M1 Category
Engine	Motor	3-Phase AC Induction Motor
	Max Engine output	30 kW @ 4500 rpm
	Emission	Zero Tailpipe Emissions
Wheelbase (mm)	NA	2450
Length (mm)	NA	3992
Width (mm)	NA	1677
Height (mm)	NA	1537
Suspension	Front	Independent, Lower Wishbone, McPherson Strut with Coil Spring
	Rear	Semi-independent; Twist beam with dual path strut
Steering	Type	Electrically Power Assisted
Brakes	Front	Disc
	Rear	Drum
Turning Radius	NA	5.1 m
Battery Capacity and voltage	NA	216 Ah, 72V
Ground Clearance (mm)	NA	170 mm
Regeneration Power	NA	Yes
Charging Standard	AC	BEVC-AC001
	DC	BEVC-DC001
Charging Time (0-80%)	Normal	360 minutes
	Fast	90 minutes
Max. Speed	NA	100 kmph
Certified Full Charge Range (as per MIDC Cycle)	NA	130 km

