

# The all-new Tigor EV

The Tigor EV is based on 3 key product pillars, namely: Technology. Comfort and Safety. Packed with technology across its powertrain, infotainment, connectivity and charging, this car is here to set new benchmarks for all.

**Strong at its core** - Ziptron is at the heart of Tata Motors' revolutionary electric vehicles and encapsulates all the virtues of its electric vehicle technology. This technology has enabled Tata Motors to dispel, to a large degree, the concerns surrounding the EVs today with respect to power, monsoon usage, reliability, suitability for long distance driving, frequency of charging and so on. It is built on 5 strong pillars of **Performance, Technology, Reliability, Charging and Comfort**. Owing to advanced EV technology Ziptron the **Tigor EV comes with an ARAI certified range of 306 kms (under standard testing conditions)**.

**Power-packed performance** - The Tigor EV gives a peak power output of 55 kW and a peak torque of 170 Nm and does 0 to 60 kmph in 5.7 seconds resulting in a zippy and exciting drive for all occupants. The Ziptron technology delivers a high performance through an energy efficient motor which offers flat torque from the get go leading to a 'zippy' driving experience. Its Permanent Magnet Synchronous AC Motor delivers instant torque balancing performance and efficiency. It can negotiate the steepest of gradients with little or no effort. Automatic transmission with sport modes provides customer with a choice of an efficient or a spirited drive as the situation or mood demands.

**Robust 'tech' – The** Tigor EV comes equipped with a 26 kWh high energy density Lithium-ion battery pack which is packaged with an efficient liquid cooled power electronics for extracting maximum on-board power. A 7" HARMAN Touchscreen infotainment with 4 speakers and 4 tweeters provides best-in-segment connectivity and infotainment. The connected car suite, iRA is also offered with 30+ features including remote commands, intrusion alert, remote cooling, charging status, time to full charge and remote diagnostics.

**Unmistakable reliability** – Ziptron has been driven and proven, over 35 Million KMs of real world conditions across diverse and challenging Indian terrain. The IP 67 rated battery pack and motor of Ziptron EV architecture makes it weatherproof and gives it a worry proof performance. If that wasn't enough, the Tigor EV comes with an 8-year and 160,000 KM battery and motor warranty, for complete peace of mind.

**Efficient Energy Management** – Tigor EV deploys unique software strategies perfected over millions of kilometres to extract maximum energy from its battery pack. It is also equipped with industry-leading low rolling resistance tyres with 10% lower rolling losses. The Tigor EV deploys Efficient Regeneration Strategy that has been fine-tuned following the real-world testing in Indian traffic conditions.

**'Charged-up' experience** – The Tigor EV is compatible with globally acceptable CCS2 charging protocol and can be fast charged as well as slow charged from any 15 A plug point. When opting for fast charging, it will only take about an hour to charge from 0% to 80% capacity. For home charging, it takes approximately 8.5 hours to charge from 0% to 80% capacity.

**Industry-leading safety – The Tigor EV is NCAP 4 star certified, making it the safest sedan in its segment.** The Tigor EV is predicated on a proven platform with Rear Crash compatible structure and complies with ODB 64 test standards. The Impact Resistant Battery Pack casing of the Tigor EV complies with AIS - 048 standards for nail penetration at cell level. The standard safety features like Dual airbags, ABS with EBD and Corner Stability Control and Hill ascent assist & Hill descent assist are available in the Tigor EV

**Second-to-none comfort** - Carrying a silent cabin and spacious interiors with ample headroom and legroom for comfortable seating, the Tigor EV offers a superior driving dynamics and handling aided by lower centre of gravity and balanced suspension setup ensuring a comfortable ride. The upmarket FATC is offered as standard. It comes with electrically adjustable and foldable ORVMs. Height adjustable driver seat, providing optimum driving position for multiple drivers. It is equipped with smart key with push button start. Portable charging cable is standard on every Tigor EV. Its

boot space of 316 litres is expandable up to 375 litres based on the option of removing the spare wheel. The Company will also provide customers a tyre puncture kit.

**The Tigor EV comes in 3 trims – XE, XM, XZ+ (with dual tone option available in XZ+) and 2 exciting colours: Signature Teal Blue and Daytona Grey**

**Specs and Features of Tigor EV:**

Tigor EV Specification Sheet	
<b>Electric Drivetrain</b>	
Electric motor type	Permanent Magnet Synchronous Motor
Electric motor power (kW/PS)	55 kW (74.7 PS)
Electric motor torque (Nm)	170 Nm
Drive modes	Multi drive modes (Drive   Sports)
Battery pack	26 kWh High energy density Lithium-ion battery pack
Thermal management system	Liquid cooled
Ingress protection for motor and battery pack	IP 67
Acceleration 0-60 km/h (sec)	5.7
Max restart gradeability	29.0%
Emission	Zero tailpipe emission
<b>Smart Drive Features</b>	
Smart regenerative braking	?
Hill ascent assist	?
Hill descent assist	?
<b>Transmission</b>	
Transmission	Single speed transmission for automatic like drive
<b>Dimensions &amp; Weight</b>	
Length x Width x Height (mm)	3993 x 1677 x 1532
Wheelbase (mm)	2450
Ground clearance (mm) - unladen	172
Boot space (litre)	316
Kerb weight (kg)	1235
Tyre Specs	175/65 R14 with Low rolling resistance tyres
<b>Steering</b>	
Steering	Electrically power assisted
Turning circle radius (m)	5.1
<b>Brakes</b>	
Front, Rear	Disc, Drum
<b>Suspension</b>	
Front suspension	Independent MacPherson strut with coil spring
Rear suspension	Twist beam with dual path strut
<b>Charging</b>	
Charging standard	CCS2
Estimated regular charging time (SOC 0%-80% from any 15A plug point)	8 hours 45 minutes <sup>##</sup>
Estimated fast charging time (SOC 0%-80% from any 25 kW DC charger)	65 minutes <sup>##</sup>
<b>Warranty</b>	
Battery pack and motor warranty	8 Year/ 1,60,000 km (whichever is earlier)*
Vehicle warranty	3 Year/ 1,25,000 km (whichever is earlier)*
<b>Driving range and efficiency</b>	

ARAI Certified full charge range (km)	306**
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Disclaimer:

\*\*As per ARAI under standard testing conditions \*Terms and conditions apply. ## Under testing conditions at 25 degree ambient temperature.

**Variant Build up with key features:**

XE	XM	XZ+
Crystal inspired LED Tail Lamp	Full Wheel Cover	Hyperstyle Wheels
Front Power Outlet	Interior Lamps with Theatre Dimming	Striking Projector Headlamps
Digital Instrument Cluster	NextGen Harman™ infotainment	Signature LED DRLs
ABS with EBD & CSC	Premium Harman™ Sound 4 Speaker	Piano Black Shark Fin Ant.
Tilt Adjustable steering	Day and Night IRVM	Premium Knitted Roof Liner
Front Power Windows	All Power windows	Premium Harman™ Touchscreen Infotainment
	Manual Central Lock	4 Speakers + 4 Tweeters
		Rear Parking Camera
		Rear Defogger
		PEPS with Push Button Start
		Foldable Rear Armrest
		Cooled Glovebox
		Electric Boot unlocking
		Auto-fold ORVM
		Driver seat height adjustment