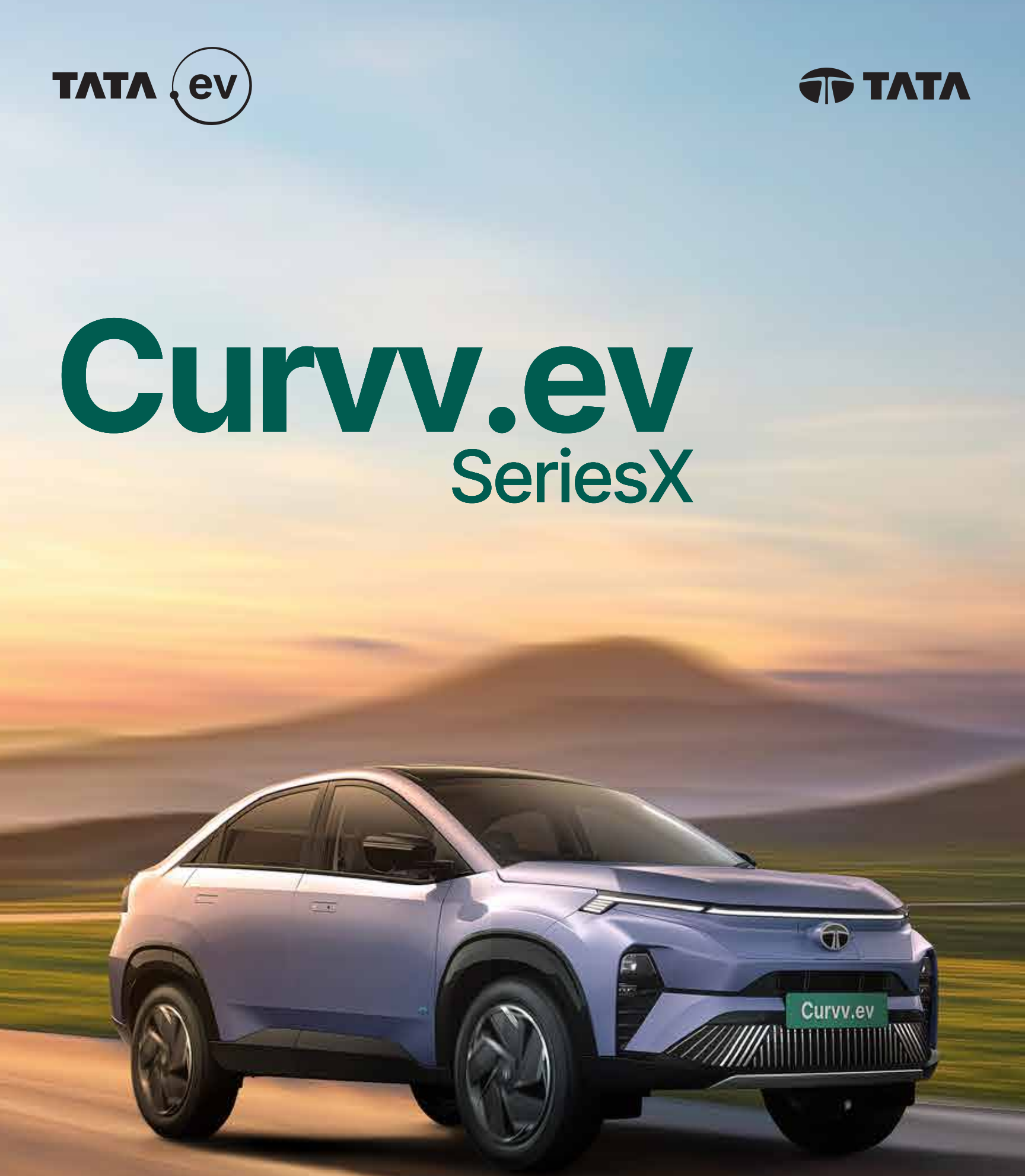
TATA ev

TATA

Curvv.ev
SeriesX



— Xperience Xtra

BNCAP
5-star safety rating

BHARAT NCAP
30.81/32 Adult Occupant Protection (AOP)
44.83/49 Child Occupant Protection (COP)

—Xperience Xtra

Xtra in every drive | Xtra in every experience | Xtra in every element

From striking design to intelligent technology, plush comfort to thrilling performance, the Curvv.ev SeriesX adds the Xtra to everything that matters, making every drive an Xperience worth more.

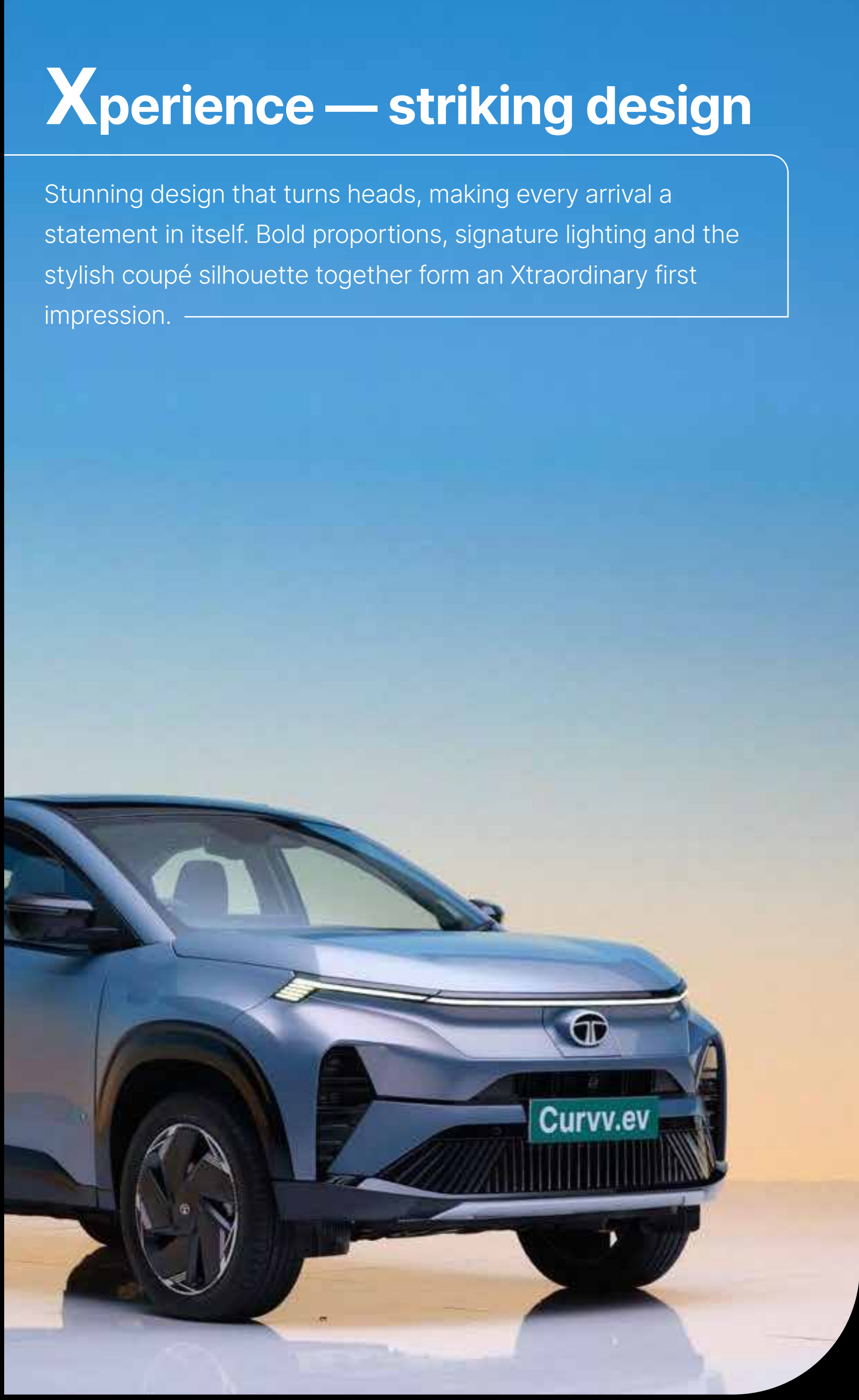
— index

- Xperience — striking design
- Xperience — plush interiors
- Xperience — loaded features
- Xperience — proven safety
- Xperience — refined performance
- Xperience — freedom to go farther
- Xperience — hassle free ownership



Xperience — striking design

Stunning design that turns heads, making every arrival a statement in itself. Bold proportions, signature lighting and the stylish coupé silhouette together form an Xtraordinary first impression.



India's 1st coupé design

Xperience the ruggedness of an SUV with the sophistication of a coupé.

Sequential Light Saber LED DRLs with welcome & goodbye animation

Greet and bid farewell with our distinctive signature lights.



Bi-Function LED Headlamps

Enjoy confident drives with unmatched visibility.

LED Fog Lamps with Cornering

Clear visibility through fog and around every turn.

Sharkfin antenna with GPS

Smart styling meets superior connectivity.

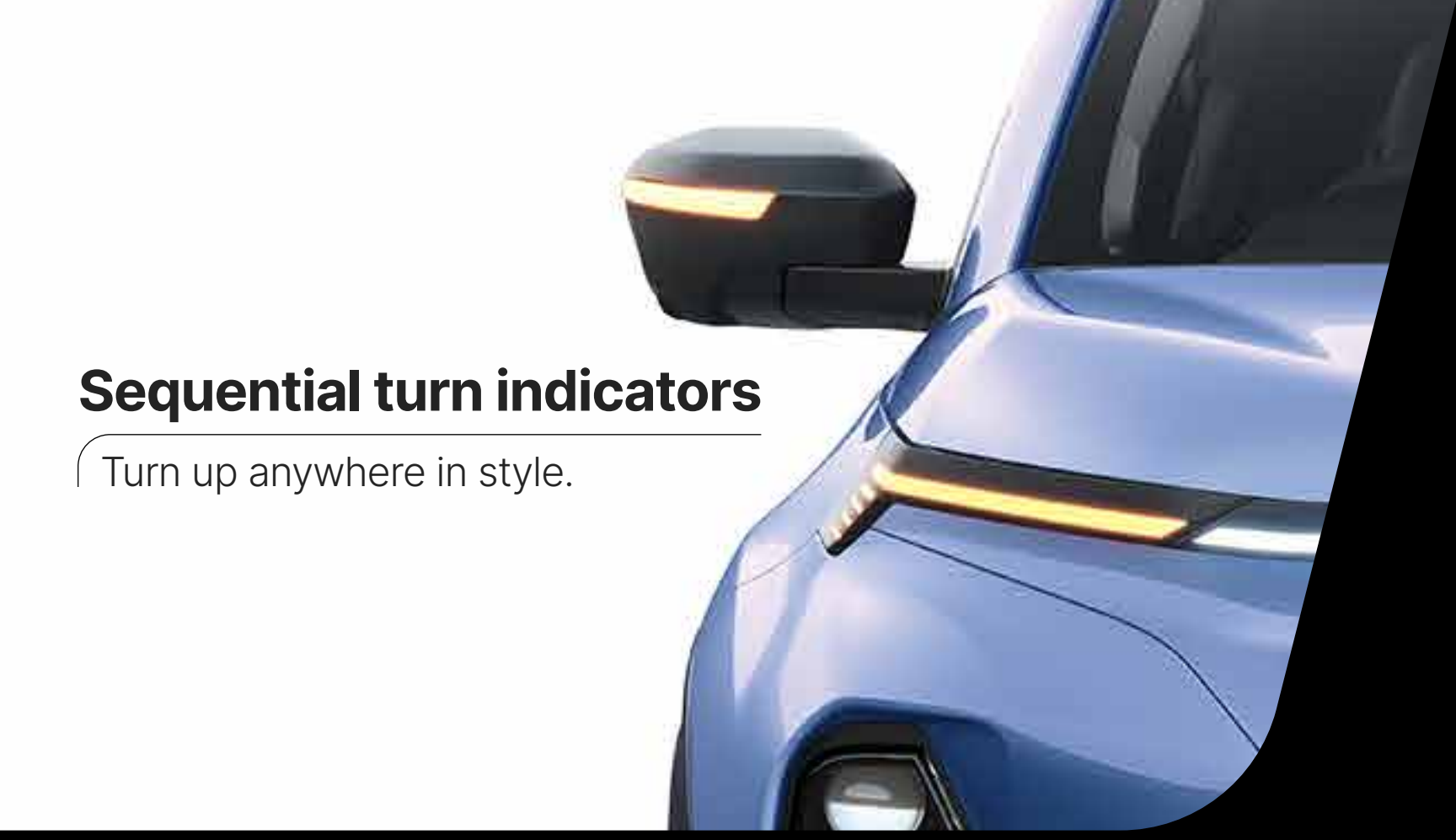
Dual tone roof

Designed to complement the coupé design, elevating the style quotient.



R18 alloy wheels[□] with aero inserts

Roll out in style with enhanced aerodynamic efficiency.



Sequential turn indicators

Turn up anywhere in style.

Light Saber LED Tail lamps

Cutting-edge lighting technology meets style.





Flush door handles

Enhances vehicle aesthetics
while improving aerodynamics.

Frunk - 11.6L

Modern solution for intelligent storage.



Electric front charging lid

Convenient electric front charging lid for hassle-free charging.



Smart charging animation

View your charging status instantly with smart animations.



Xperience — plush interiors

Xperience the plushness of premium interiors, thoughtfully crafted to surround you with comfort and elevate every journey.



India's First R-Comfort® Seats with Passive Ventilation

Seats that feel like a warm hug & makes every mile easier, so when you take the Curvv.ev SeriesX, you enjoy unmatched comfort all the way.



Dual tone leatherette wrapped steering wheel

Superior ergonomic Xperience with seamlessly integrated controls.

Leatherette smart E-shifter

Sleek looks and a futuristic driving experience.



Plush Benecke-Kaliko Leatherette Seats

Xperience plush comfort that keeps you feeling refreshed.

AeroView voice assisted panoramic sunroof with mood lighting

Your voice is the command to control the sunroof and set the mood

Multi mood ambient lighting

Illuminate your journey with the perfect ambience, tailored to your every mood.



ErgoWing Headrest

Ergonomically designed winged headrests that cradle your posture and keep you relaxed.

PureComfort Footrest

Stretch out to the max and Xperience comfort at length.

Xperience — loaded features

A premium package of Xtra features, thoughtfully brought together to make every drive smarter, easier and more enjoyable. More convenience, more technology and more to Xperience on every journey.



Ultra view 31.24 cm (12.3") infotainment by Harman™

Bring your infotainment to life with stunning clarity and detail.

Wireless Android Auto™ and Apple CarPlay™

Connect wirelessly with ease.

Immersive Sound suite by JBL™

Enjoy crystal-clear and immersive sound that enhances your in-car driving Xperience.



9 JBL™ Speakers including Subwoofers

Ensuring every note and beat is delivered with exceptional clarity and depth.

JBL™ sound modes

Multiple audio modes that enhance in-vehicle acoustic Xperience.



Multiple voice assistants

Interact effortlessly with enhanced connectivity.



Alexa voice assist

Access a world of convenience with Alexa voice assist.



Ultra view 26.03 cm (10.25") Digital Cockpit

Stay informed and in control with customisable displays tailored to your preferences.



Multi dial full view navigation

Xperience navigation your way, with information displayed just as you need it.



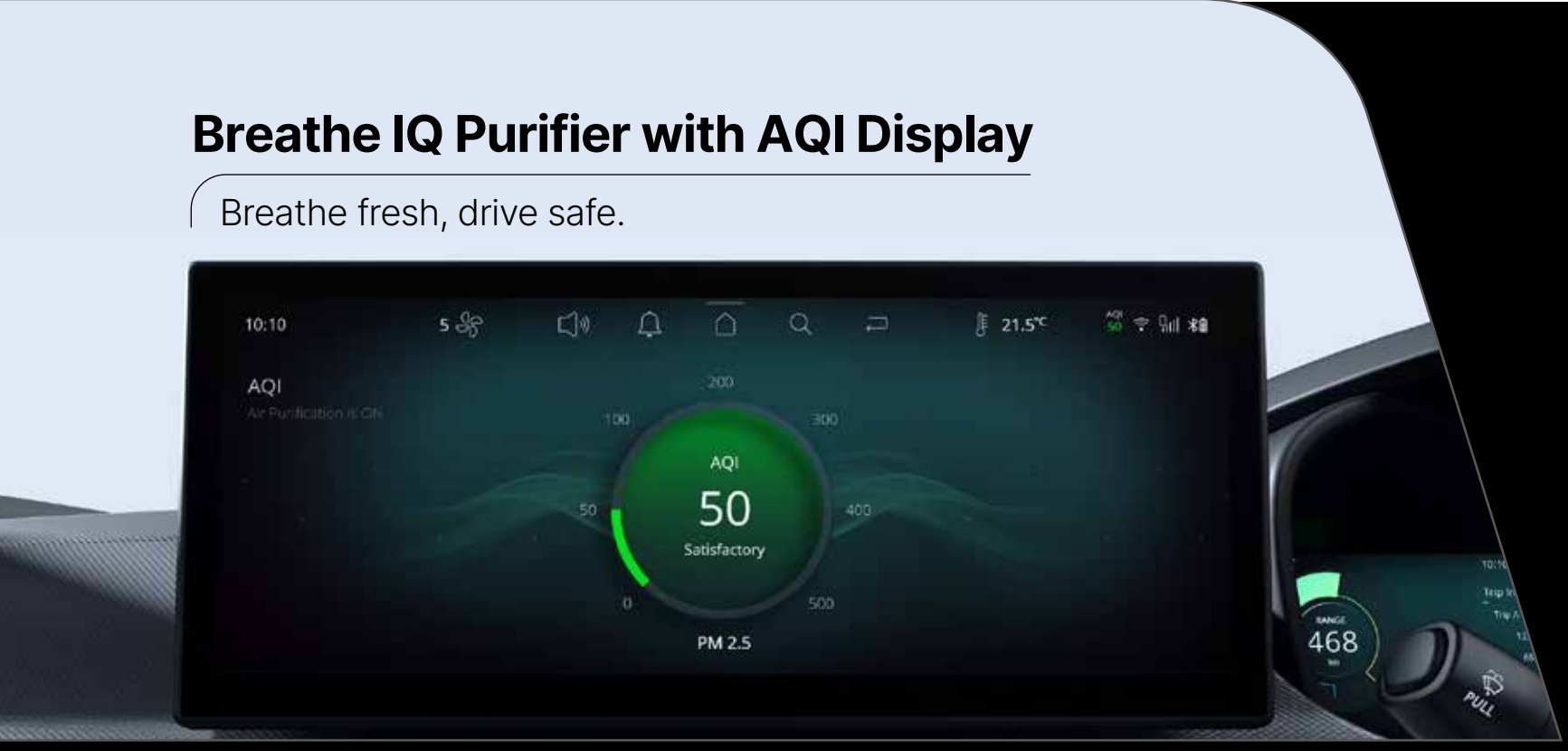
Wireless smartphone charger

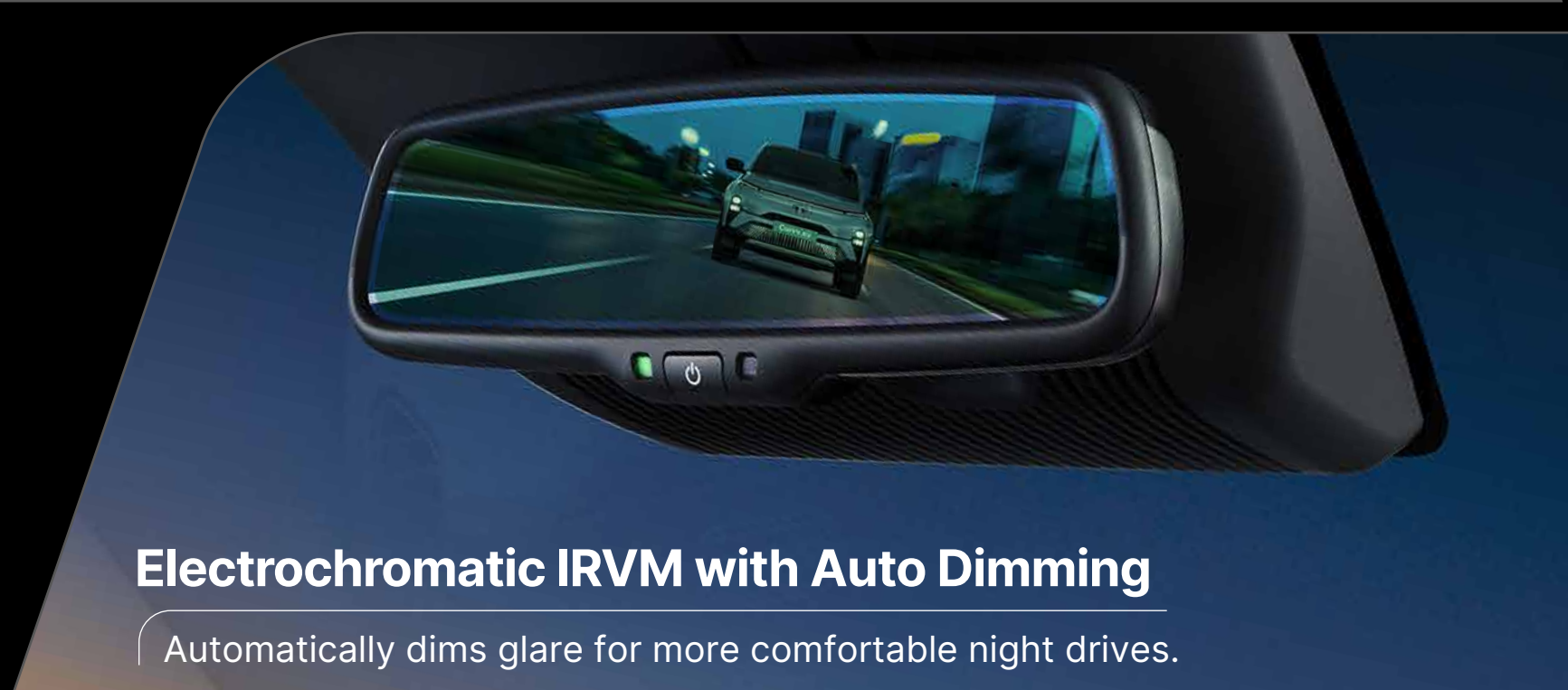
Stay powered up on the go and always ready for your next drive.



Breathe IQ Purifier with AQI Display

Breathe fresh, drive safe.





Electrochromatic IRVM with Auto Dimming

Automatically dims glare for more comfortable night drives.

Smart Key with Push-Button Start (PEPS)

Unlock and go effortlessly with convenience at your fingertips.





Gesture Controlled Powered Tailgate

Convenient loading and unloading with a simple kick gesture.



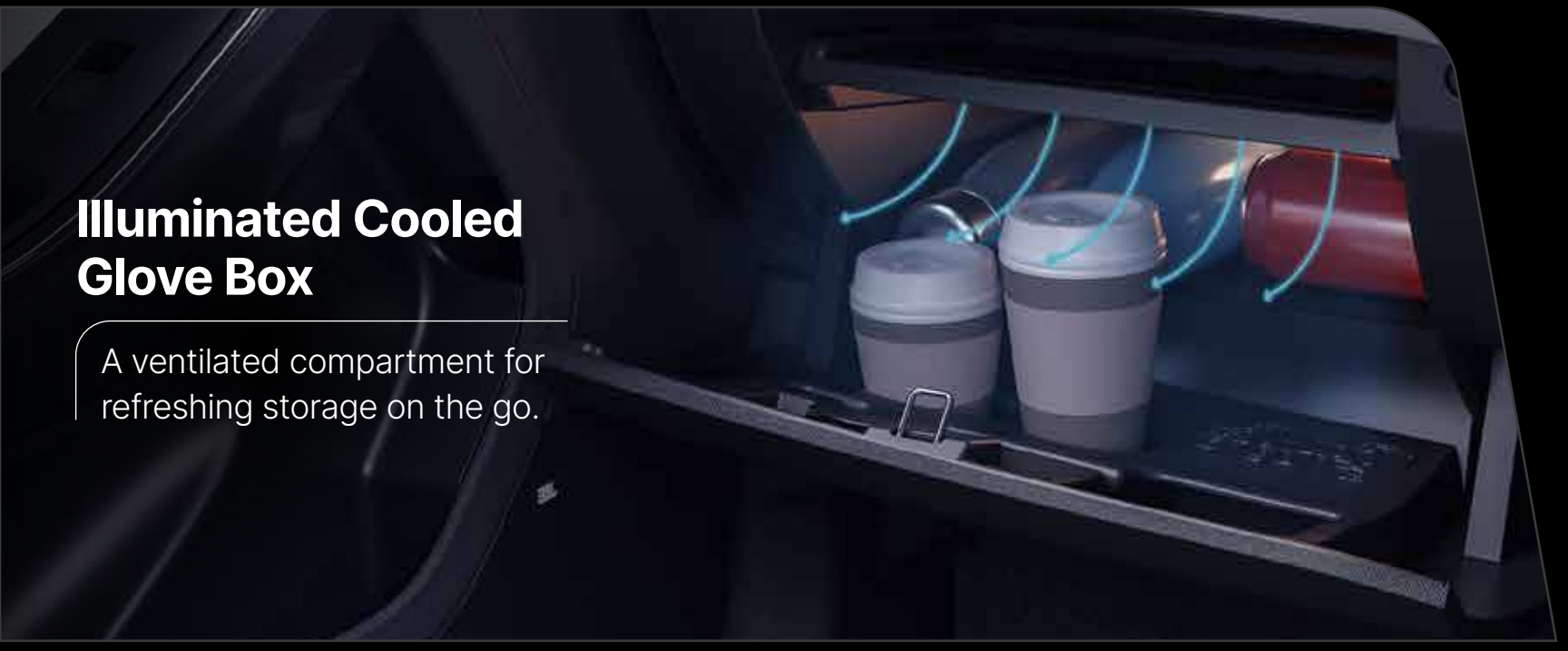
Boot space - 500L

There's always room for all your adventures, big or small.



Serenity screen rear sunshades

Keep calm inside and block the sun out.



Illuminated Cooled Glove Box

A ventilated compartment for refreshing storage on the go.



Twin Zone Climate Concierge Air Conditioning

Xperience personalised comfort, with individual temperature control.

Ventilated Front Seats

Xtra cool and comfortable drives for the ultimate front seat Xperience.





Ergo lux 6 way Powered Driver Seat

Personalize and set your seat your way and settle into a more comfortable drive.

60:40 rear split seats with centre armrest

Adapts to your cargo and passenger needs.

Rear Seat with Reclining option

Personalised comfort for rear passengers during Xtra long journeys.

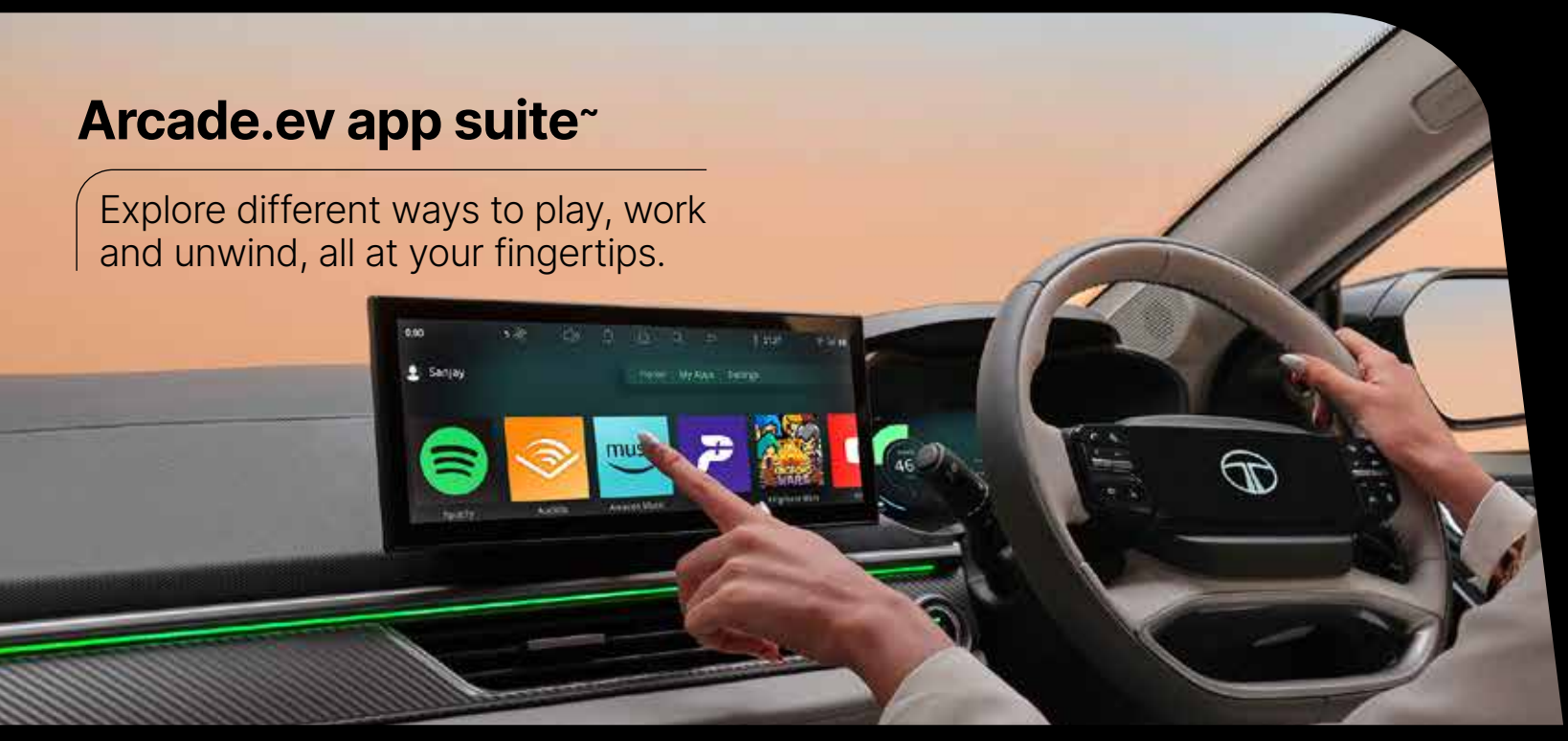


iRA.ev## & smart watch ^^ connectivity

Keep a watch on your Curvv.ev SeriesX at all times.

Arcade.ev app suite~

Explore different ways to play, work and unwind, all at your fingertips.



Vehicle to vehicle (V2V) charging^^^

Share power with compatible vehicles.



Vehicle to load (V2L) technology***

Whether it is a drone, e-scooter or a camping experience - transform your EV into a mobile power hub.



Xperience — proven safety

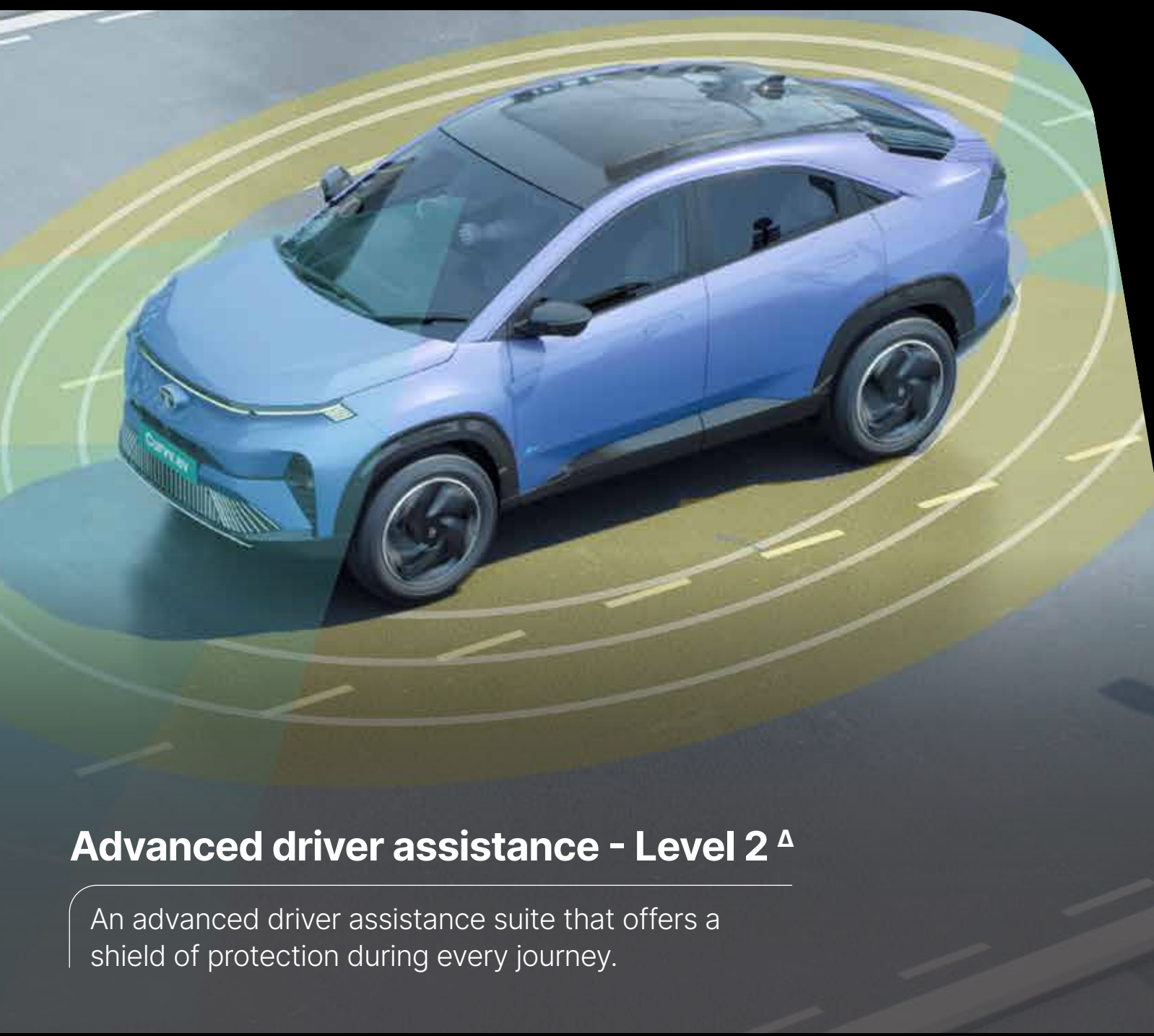
Advanced safety features add Xtra protection to every drive, giving you greater confidence and peace of mind wherever the road takes you. Designed to help you stay aware, in control and reassured on every journey.

BNCAP

5-star safety rating◆

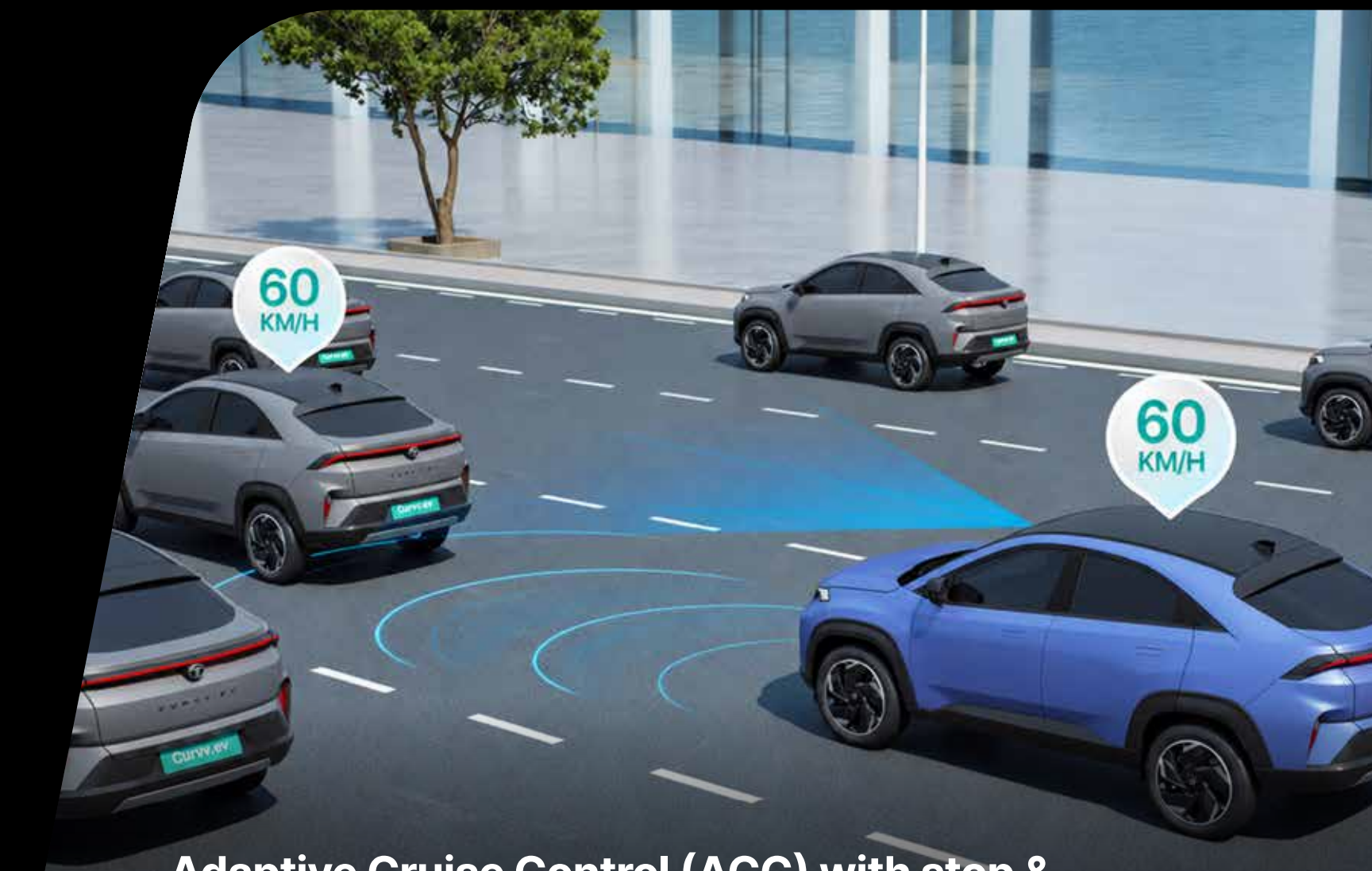






Advanced driver assistance - Level 2 [Δ]

An advanced driver assistance suite that offers a shield of protection during every journey.



Adaptive Cruise Control (ACC) with stop & go and Adaptive Steering Assist (ASA)

Cruise through Xtra long journeys maintaining a pre-determined distance from the vehicle in front, even in stop-and-go traffic.

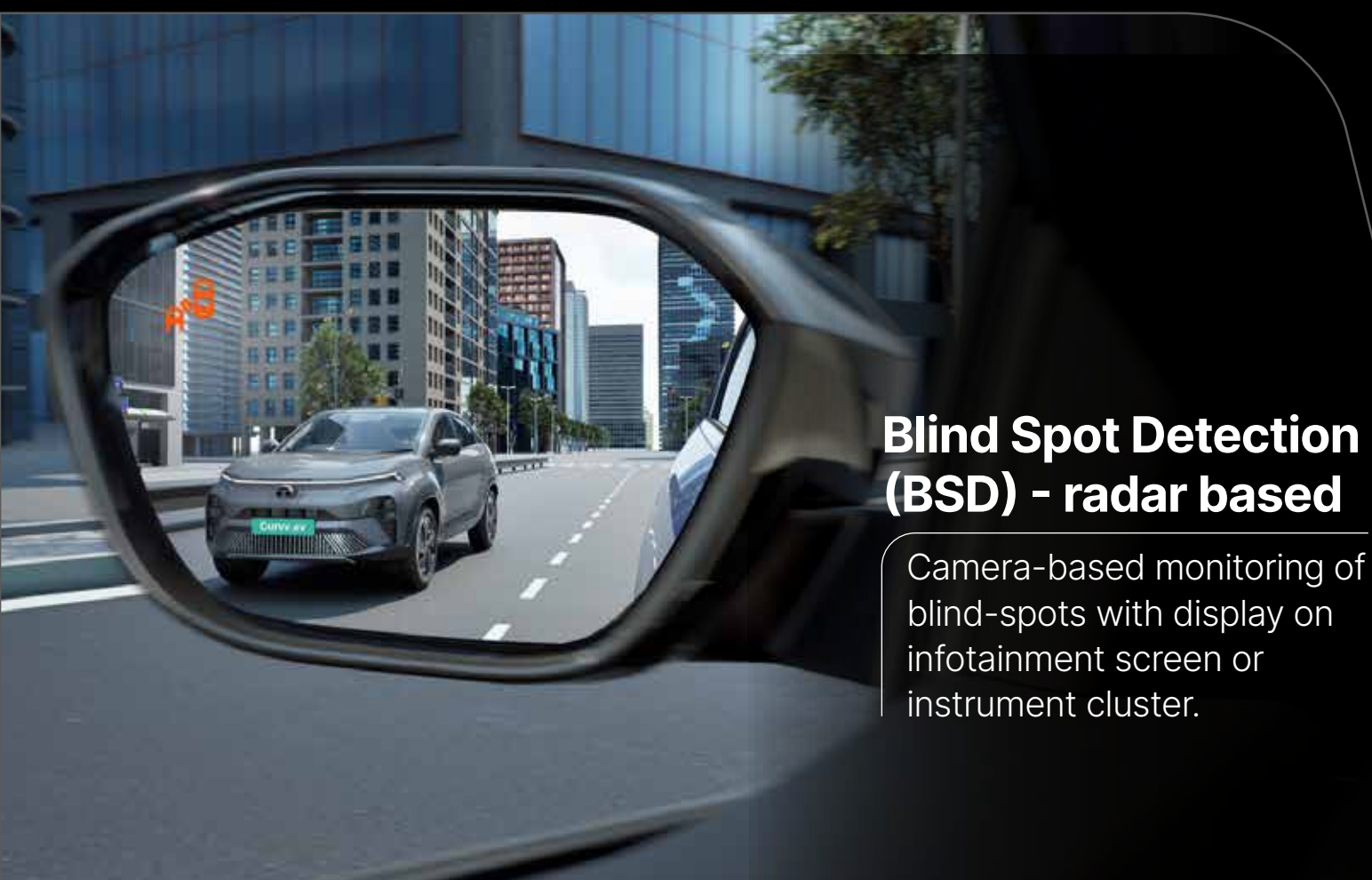
Lane Departure Warning (LDW)

Get warnings and assistance to prevent unintended lane departures.

Lane Keep Assist (LKA)

Receive gentle nudges to stay on course and in control around every curve.





Blind Spot Detection (BSD) - radar based

Camera-based monitoring of blind-spots with display on infotainment screen or instrument cluster.

Lane Change Alert (LCA)

Alerts you of approaching vehicles while indicating a lane change.

Forward Collision Warning (FCW)

Receive warnings to prevent front collisions.

Automatic Emergency Braking (AEB)

Automatically applies brakes to prevent or mitigate collisions and keep you safe.

Rear Cross Traffic Alert (RCTA)

Detects approaching vehicles and alerts you of impending collision.

High Beam Assist (HBA)

Ensures optimal visibility without dazzling other drivers.

Traffic Sign Recognition (TSR) and Over Speed Alert (OSA)

Detects and displays traffic signs, ensuring you're aware of speed limits and other road regulations.



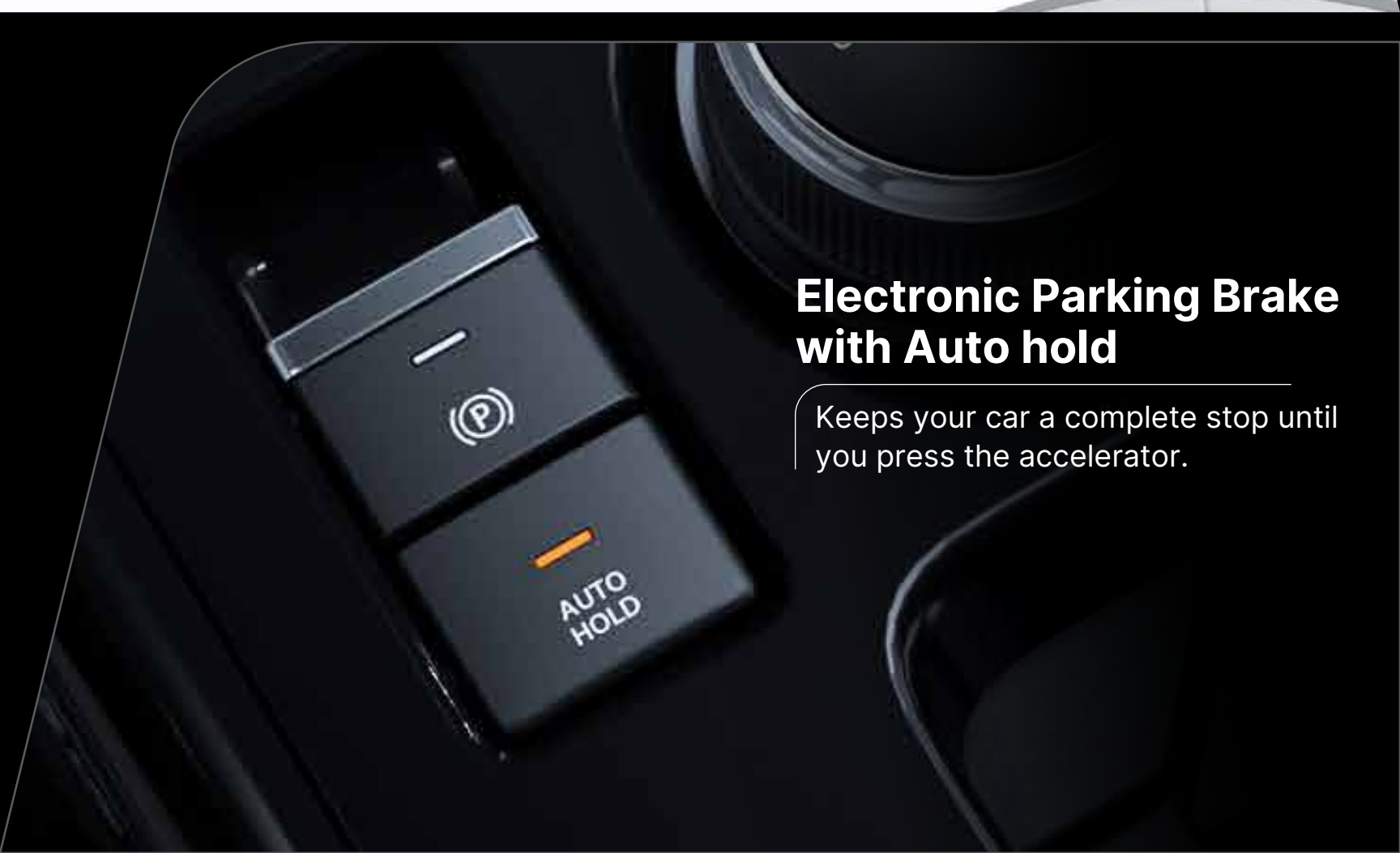
360˚ 3D surround view camera system with Blind Spot view Monitor

Xtra awareness of your surroundings for confident manoeuvering.



E-Call/B-Call

Immediate assistance in emergencies or breakdown.



Electronic Parking Brake with Auto hold

Keeps your car a complete stop until you press the accelerator.



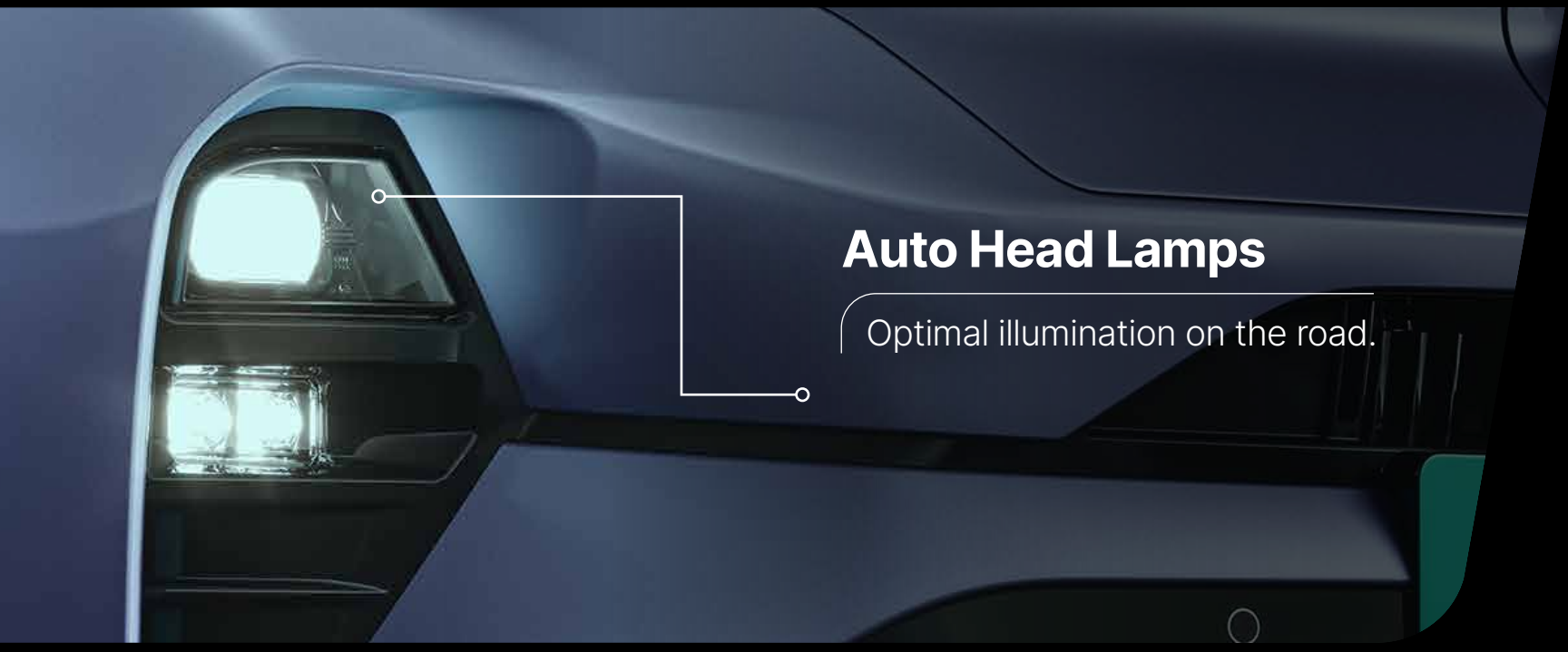
6 airbags

6 strategically placed airbags to minimise injury in the event of a collision.



Rain sensing wipers

Clear visibility and enhanced safety during inclement weather.



Auto Head Lamps

Optimal illumination on the road.



All wheel disc brakes

Enhanced safety with disc brakes on all wheels for optimal stopping power.

Hill hold assist

Holds your car from rolling back on any incline till you accelerate forward.



Hill descent control

Maintain a controlled speed for safer downhill driving.



Electronic Stability Program with i-VBAC

Xperience intelligent vehicle behaviour control.



Xperience — refined performance

Xperience the silent thrill of instant power with electrifying acceleration and responsive dynamics that adds Xtra thrill to every drive.



Dynamic drive, thrilling performance

A dynamic driving performance for an unforgettable Xperience.

All-new gen-2 motor with Power output of 123 kW (167 PS)

Xperience instant power for an Xtra-responsive drive.



IP67 rated battery pack and motor

Xperience enhanced battery protection against dust and water with an IP67-rated battery pack and motor.



0-100 Kmph in 8.6^ s

Fast when you need it to be.



Smart power electronics

Smart algorithms to control vehicle electronics, charging speeds and battery thermal management.

Acti.ev+ Architecture

Engineered for a refined, efficient driving experience.



Xperience — freedom to go farther

Xperience the freedom to charge and power up wherever the journey takes you. From everyday charging to fast top-ups Xperience Xtra convenient ways to be on the go.



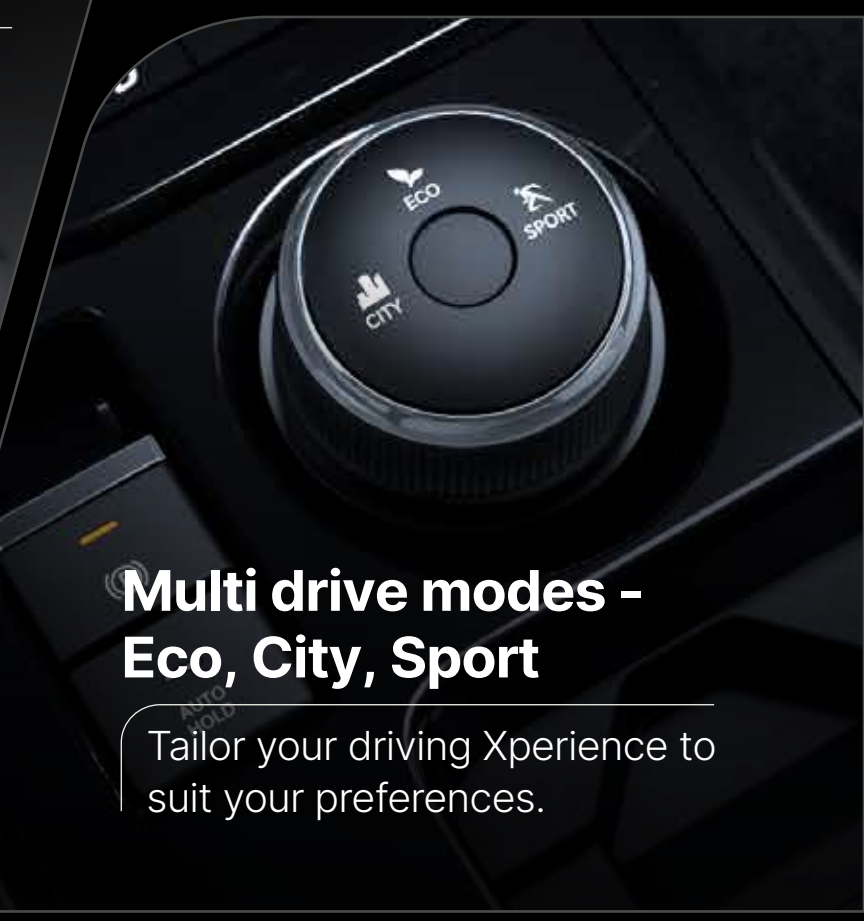
Long driving range of 502# Kms on a single charge with 55 kWh Battery Pack

Enjoy Xtra long drives with the freedom to go further, with fewer charging stops.

Paddle shifters for multi-mode regenerative braking

Multiple regenerative braking modes to suit your regen preferences at the tap of a paddle.



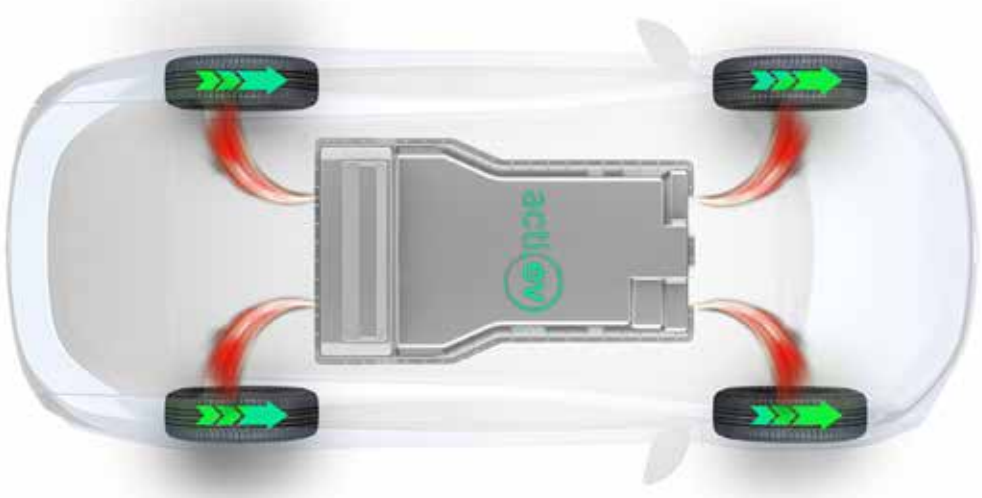


Multi drive modes - Eco, City, Sport

Tailor your driving Xperience to suit your preferences.

Instant torque of 215 Nm

Instant peak torque for an exciting drive feel.



Liquid cooled battery pack

Xtra consistent performance with efficient battery cooling and heat management.

DC fast charging

Minimal downtime and maximum convenience. SOC 10% - 80% in 40▲ minutes.



7.2 kW AC home wall box charger

Power up at home seamlessly. SOC 10% - 100% in 7.6▲ hours for Curvv.ev SeriesX 55.



15A portable charger

Take your charging Xtra-easy, with compatibility across 15A power sockets.



Xperience — hassle free ownership

Xperience peace of mind with a proven EV ecosystem designed to make every part of EV ownership simple and reassuring.



Lifetime Battery Warranty***

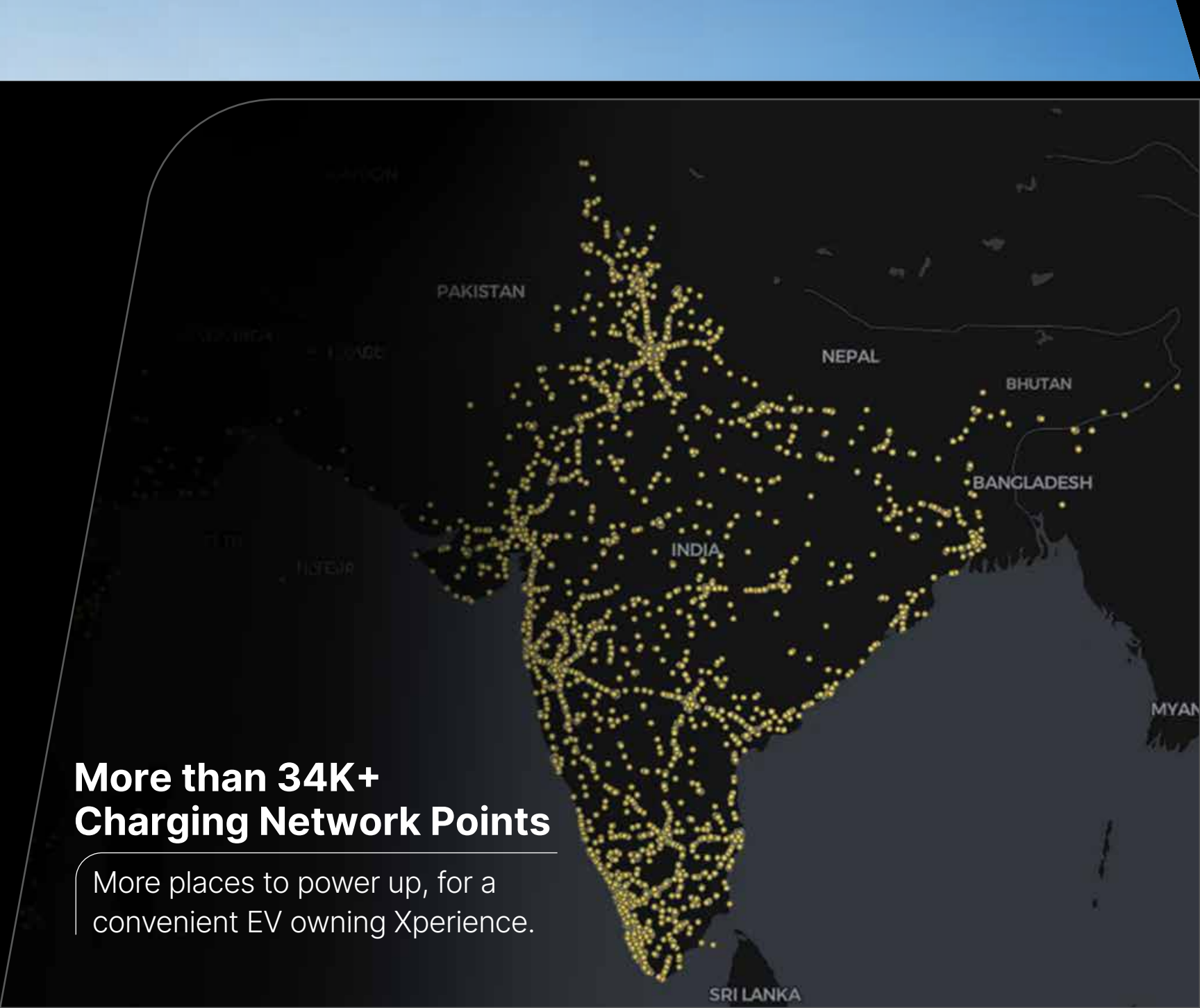
Xtra reassurance for the road ahead, with lasting peace of mind.

LIFETIME
HV BATTERY WARRANTY®

evolve

3.5 lakh+ Tata.ev on Indian roads

Join an Xperienced community that's already driven billions of kilometres.



More than 34K+ Charging Network Points

More places to power up, for a convenient EV owning Xperience.

Xperience — a grade for every persona




Empowered X 55


Accomplished X 55

accomplished X 55

- LED DRLs
- LED Headlamps
- LED Fog Lamps with cornering
- Flush Door Handles
- R17 Alloy Wheels□ with Aero Inserts
- Rain Sensing Wipers
- Auto Head Lamps
- AeroView Panoramic Sunroof
- Electrically Adjustable ORVM
- Autofold ORVM
- Leatherette Smart E-Shifter
- Smart Digital Steering Wheel
- Ultra View 26.03 cm (10.25'') Infotainment by HARMAN™
- Ultra view 26.03 cm (10.25") Digital Cockpit with navigation view
- 4 Speakers + 4 Tweeters
- Wireless Smartphone Charger
- Front & Rear Fast Charge C Type 45W
- PlushLux Leatherette Pack:
  - Benecke-Kaliko Oyster White Leatherette Seats
  - Dual tone Leather Wrapped Steering Wheel
  - Grand Centre Console with Leatherette armrest
- Rear Arm-Rest with easysip cup docks
- Illuminated Cooled Glove Box
- Wireless Android Auto™ & Apple Car Play™
- iRA.ev## & Smart Watch^^ Connectivity
- Multiple Voice Assistants (Native, Siri, Google Assistant, Alexa)
- 360º 3D Surround View Camera System
- Blind Spot View Monitor
- Front Parking Sensors
- HD Rear view camera
- Smart Key with Push-Button Start (PEPS)
- Cruise Control
- Paddle Shifter for Regen Modes
- Multi Drive Modes - Eco, City & Sport
- Electric Parking Brake with Auto Hold
- Fully Automatic Temperature control
- Xpress Cooling
- Rear AC Vents
- R-Comfort® Seats with passive ventilation
- 6 Way Adjustable Driver Seat
- Breathe IQ Purifier
- PureComfort Footrest
- ErgoWing Headrest
- Serenity Screen Rear Sunshades
- Power Windows on All Doors
- 6 Airbags
- ESP with i-VBAC
- Driver Doze-off Alert
- All-Wheel Disc Brakes
- Tire Pressure Monitoring System
- Rear Defogger

empowered X 55

over accomplished X 55

- LED Projector Headlamps
- Sequential Turn Indicator
- Sequential Light Saber LED DRLs with welcome & goodbye animation
- Front Centre Position Lamp with Smart Charging Indicator
- R18 Alloy Wheels[□] with Aero Inserts
- AeroView Voice-Assisted Panoramic sunroof with mood lighting
- Gesture Controlled Powered Tailgate
- Frunk
- Ergo lux 6 way Powered Driver Seat
- 6 Way Adjustable Co-Driver Seat
- 60:40 Rear Split Seats
- Immersive Sound suite by JBL™
  - Ultra View 31.24 cm (12.3") Infotainment by HARMAN™
  - 9 Speakers (4 Speakers, 4 Tweeters & 1 Subwoofer)
  - JBL™ Branded sound system
  - JBL™ Sound Modes
- Electrochromatic IRVM with Auto Dimming
- Ventilated Front seats
- Rear Seat with Reclining option
- Arcade.ev[~] App Suite
- V2V Charging[^^^]
- V2L Technology[***]
- 7.2 kW AC Fast Charger Wall Box
- Breathe IQ Purifier with AQI Display
- Oyster White & Charcoal Luxe Dashboard with Signature Mood Lighting
- Light Saber LED Tail lamp
- Level 2 ADAS[Δ]
  - Adaptive Cruise Control with Stop & Go (ACC)
  - Lane Departure Warning (LDW)
  - Lane Keep Assist (LKA)
  - Blind Spot Detection (BSD) - Radar based
  - Blind Spot View Monitor (BSM) - Camera based
  - 360º 3D Surround View Camera System
  - Lane Change Alert (LCA)
  - Adaptive Steering Assist (ASA)
  - Forward Collision Warning (FCW)
  - Autonomous Emergency Braking - Vehicle (AEB - V)
  - Autonomous Emergency Braking - Pedestrian (AEB - P)
  - Autonomous Emergency Braking - Cyclist (AEB - C)
  - Autonomous Emergency Braking - Junction (AEB - J)
  - High Beam Assist (HBA)
  - Traffic Sign Recognition (TSR)
  - Over Speed Alert (OSA)
  - Rear Cross Traffic Alert (RCTA)
  - Rear Collision Warning (RCW)
  - Door Open Alert on ORVM
  - Driver Doze-off Alert
- E-Call/B-Call[###]

Coverage of Lifetime HV Battery Warranty is as below:

	Lifetime Warranty First Registration		Standard Warranty Second Registration onwards*** (whichever occurs first)	
Model / Brand	Years	Km	Years	Km
Curvv.ev	Lifetime*	Unlimited**	8^	1.6 Lakh^

*The term 'Lifetime' refers to the period of fifteen years from the first date of registration of the vehicle at the local regional transport office, in accordance with the Motor Vehicles Act, 1988, and is restricted for the period of use during the first registration only.
** The term 'Unlimited' is on the assumption of fair usage by a customer for personal use of the vehicle and therefore excludes extra-ordinary usage or usage outside the ordinary course as would be reasonably expected for vehicle not being used for commercial / trade purposes.
*** It is incumbent on every second (or subsequent) owner to inform TATA Passenger Electric Mobility Limited of the vehicle ownership transfer for HV Battery Warranty to apply. The HV Battery Warranty stated above shall not be available to the second or subsequent owner in absence of such notification.

Disclaimers:

[▲]Under ambient test conditions. [^]As per internal testing data, under ambient test temperature conditions. [#]ARAI Certified Urban + Extra Urban (MIDC Part 1 + Part 2) under standard testing conditions, actual performance figures may vary depending on various conditions including driving pattern, etc. [~]Smart watch is not part of vehicle equipment & accessories. [□]Wheel designs depicted are illustrative in nature. Actual wheel design may vary from the images shown. Such variations do not impact vehicle performance, safety, reliability, or driving characteristics. [^^]Applicable for compatible sink models only at a power output of 5kVA. [***]Maximum amount of power output is 3.3kVA. [##]Customers will be able to utilize IRA.ev services for one year from the date of activation. Post completion of one year, customers can subscribe to IRA.ev by paying subscription fees. R-Comfort® is a registered trademark of Adient. [~]Linked with active iRA.ev login. [###]Available in select cities. [□]Applicable on Empowered persona and #DARK. [Δ]Advanced driver assistant systems (ADAS) is not a substitute for human eye or driver vigilance. It is a driver assist system only to enhance safety and driving experience. The driver will remain responsible for safe, vigilant and attentive driving. Standard Disclaimer - Accessories/features shown may not be part of the standard fitment. The specification above are subject to change. Some of the equipment illustrated or described above may not be supplied as standard equipment and may be available at extra cost. Tata Passenger Electric Mobility reserves the right to change specification & equipment of any product without prior notice. Please consult your nearby dealer for full information and availability on colours and trim. The images shown represent color availability for different personas only. Specifications may vary for each persona. The displayed colors may differ from the actual colors due to variations in screen settings, lighting conditions, and material finishes. For the most accurate color representation, please visit your nearest dealer. [++]The warranty on the High Voltage battery shall be lifetime[++] for the first registration.

Multiple colour choices to pick from

Empowered X 55



Virtual Sunrise



Empowered Oxide



Pure Grey



Pristine White



Nitro Crimson

Accomplished X 55



Pure Grey



Virtual Sunrise



Nitro Crimson



Pristine White

The images shown represent color availability for different personas only. Specifications may vary for each persona. The displayed colors may differ from the actual colors due to variations in screen settings, lighting conditions, and material finishes. For the most accurate color representation, please visit your nearest dealer.

Curvv.ev - technical specifications and features

	Curvv.ev 55
Electric Drivetrain	
Motor (Type)	Permanent Magnet Synchronous Motor (PMSM)
Electric motor power (kW)	123
Electric motor torque (Nm)	215
Multi Drive Modes	Multi drive mode - City, Sport & Eco
Battery pack (kWh)	55
Thermal management system	Liquid Cooled system
Ingress protection for motor & battery pack	IP67
Acceleration (0-100 km/h in sec)	8.6^
Top Speed (kmph)	160
Emission	Zero tailpipe emission
Smart Drive Features	
Smart Drive Features Smart regenerative braking	Multi-mode regenerative braking 4 Levels (Level 0 - 1 - 2 - 3) 0 - No regen I 3 - Max. regen
Paddle Shifters to control Regen Modes	✓
Customizable Single Pedal Drive	✓
Dimensions	
Length x Width x Height (mm)	4310 × 1810 × 1637
Wheelbase (mm)	2560
Unladen ground clearance (mm)	186
Boot space (Liter)	500
Steering	
Steering	Electrically power assisted
Turning circle radius (m)	5.35
Brakes	
Front, Rear	Disc brakes with i-VBAC
Suspension	
Front Suspension	Independent MacPherson strut with coil spring
Rear Suspension	Twist beam with dual path strut
Wheels & Tyres	
Size (Persona)	215/60 R17 (Accomplished X) | 215/55 R18 (Empowered X & #DARK)
Low Rolling Resistance Tires	✓
Charging	
Charging Standard	CCS2
Portable charging cable	Yes
Charging options	15A Socket, 7.2 kW AC Wall Box, DC Fast Charger
Charger Type Included	7.2 kW AC Wall Box Ω
Estimated regular charging time (SOC 10% to 100% from any 15A plug point)	21.0 hrs▲
Estimated regular charging time (SOC 10% to 100% from 7.2 kW AC fast charger)	7.6 hrs▲
Estimated DC fast charging time (SOC 10%-80%)	40 min▲ (70 kW+ charger)
Bi-Directional Charging	
Vehicle to Vehicle Charging (V2V^^^ Charging) (kVA)	5
Vehicle to Load Charging (V2L*** Charging) (kVA)	3.3
Discharge Limit	Customizable upto 30% SOCΩ
Warranty	
HV Battery Pack	Lifetime Warranty and Unlimited Kilometres++
Motor Warranty	8 Year or 1,60,000 km (whichever is earlier)
Vehicle warranty	3 Year or 1,25,000 km (whichever is earlier)
Driving range	
Certified Full Charge Range (as per MIDC Part 1 + Part 2 Cycle)# (km)	502
TATA.ev C75 estimated real world driving range (km)	400 - 425