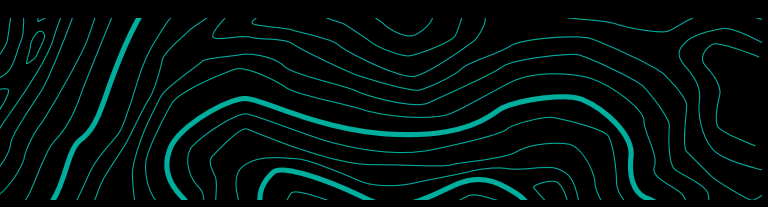


Sierra.ev

with **4WD** *Dual Motor*

legend — hypercharged





Hypercharged Colours

Empowered A AWD



Rishikesh Rapids



Nainital Nocturne



Coorg Clouds



Pure Grey



Pristine White



Andaman Adventure



Bengal Rouge

Empowered



Coorg Clouds



Pure Grey



Pristine White



Andaman Adventure



Bengal Rouge



Rishikesh Rapids

Adventure



Coorg Clouds



Pure Grey



Pristine White



Andaman Adventure



Bengal Rouge

Pure



Coorg Clouds



Pure Grey



Pristine White



Sierra.ev Technical Specifications			
	Sierra.ev 63	Sierra.ev 75	Sierra.ev 75 QWD Dual Motor
Personas	Pure, Adventure, Empowered	Adventure, Empowered	Empowered
Electric Drivetrain			
Motor (Type)	Permanent Magnet Synchronous Motor		Front: High Performance Induction Motor Rear: Permanent Magnet Synchronous Motor
Front Electric Motor Power PS (kW)	-		140 (103)
Rear Electric Motor Power PS (kW)	238 (175)	209 (154)	209 (154)
Cumulative Torque (Nm)	315		504
Multi Drive Modes	Eco, City & Sport		Eco, City, Sport & Boost
Terrain Modes	Adventure, Empowered: 4 (Normal, Wet, Rough, Custom)	Adventure, Empowered, Empowered A: 4 (Normal, Wet, Rough, Custom)	Empowered A AWD: 6 (Normal, Snow/Grass, Mud-Ruts, Sand, Rock Crawl, Custom)
Battery Pack (kWh)	63	75	75
Thermal Management System	Liquid Cooled System		
Ingress Protection for Motor & Battery Pack	IP67		
Gradeability (%)	34	33	52
Drive Type	RWD		QWD
Emission	Zero Tailpipe Emission		
Smart Drive Features			
Smart Regenerative Braking	Multi-Mode Regenerative Braking 4 Levels Level 0 - 1 - 2 - 3 0 - No Regen 3 - Max Regen		
Paddle Shifters to Control Regen Modes	✓	✓	✓
Dimensions			
Length x Width x Height (mm)	4340 X 1841 X 1750		
Wheelbase (mm)	2730		
Ground Clearance - Unladen (mm)	205		
Boot Space ^{AAA} (L)	622		
Frunk (L)	55	35	
Steering			
Steering	Electrically Power Assisted		
Turning Circle Radius (m)	5.32		
Brakes			
Front, Rear	Disc (Front and Rear) with Vacuum Independent Brake Control Architecture (i-VBAC)		
Suspension			
Front Suspension	Independent Front Suspension with McPherson Strut and Stabilizer bar		
Rear Suspension	Independent Multilink Rear Suspension with Stabilizer bar		
Suspension Damper Type	FDD (Frequency Dependent Damping)		
Wheels & Tyres			
Size	Pure, Pure S, Adventure, Empowered: 225/60 R18 Empowered A: 225/55 R19		225/55 R19
Low Rolling Resistance Tyres	✓	✓	✓
Charging			
Charging Standard	CCS2		
Portable Charging Cable	✓	✓	✓
Charging Options	DC Fast Charger, 7.2 kW AC Wall Box, 15A Socket		
Estimated DC Fast Charging Time (SOC 20% to 80% DC Fast Charger)	~25 mins (above 110kW 260A charger input)	~26 mins (above 120kW 330A charger input)	~26 mins (above 120kW 330A charger input)
Estimated AC Fast Charging Time (SOC 10% to 100% from 7.2 kW AC Fast Charger)	8.9 hr	10.5 hr	10.5 hr
Bi-directional Charging			
Vehicle to Vehicle Charging ^{^^} (V2V Charging) (kVA)	5		
Vehicle to Load Technology ^{***} (V2L Charging) (kVA)	3.3		
Discharge Limit (cut-off SOC %)	30		
Warranty			
HV Battery Pack	Lifetime Warranty ^{AA} and Unlimited Kilometers		
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 (km) (as per MIDC Part 1 + Part 2 Cycle)	535	665	624
C75 real-world range (km)	440-460	510-530	480-500



Pure

Base Variant

- Ultra Glide Suspension
 - Bi-LED Projector Headlamps
 - Light Saber LED DRLs & Tail Lamp
 - R18 Alloy Wheels
 - 31.24 cm Infotainment Touchscreen
 - 26.03 cm Digital Cockpit
 - Auto Headlamps
 - Rain Sensing Wipers
 - Follow-me-home Head Lamps
 - Electric Adjustable ORVMs with Turn Indicators
 - LED Turn Indicators
 - 6 Airbags (Driver, Co-Driver,Curtain & Side Airbags)
 - 8 Speakers (4 Speakers + 4 Tweeters)
 - 6 Way Manual Adjustable Driver Seat
 - 4 Way Manual Adjustable Co-Driver Seat
 - Prismatic IRVM
 - Height Adjustable Seat Belts¹
 - Rear Wiper with Washer System
 - Air Purifier with PM 2.5 Filter
 - Rear Camera with Park Assist Guides
 - Drive Modes (Economy, City & Sports)
 - Electronic Parking Brake with Auto Hold
 - Fully Automatic Temperature Control (FATC)
 - 2 Front USB C (15W Multimedia + 65W Charging)
 - 2 Rear 65W USB C
 - Sharkfin Antenna with GPS
 - All Door Power Windows
 - EV Route Planner for Android Auto™
 - One Shot Up/Down Driver Window
 - Vanity Mirror on Driver & Co-Driver Side
 - Front Armrest with Storage
 - 12V Power Outlet in Boot
 - Adjustable Headrest in Front & Rear Row
 - Auxilliary Lamp in Tailgate
 - 250+ Native Voice Assist Commands in 6 languages
 - Amazon Alexa™ Voice Assistant
 - Electric Tail Gate Release
 - Perimetric Alarm System
 - Valet Mode
 - Rear AC Vents
 - All Wheel Disc Brakes
 - Cooled Glovebox
 - ISOFIX
 - Flush Door Handles with Welcome Lights
- Monostable Gear Shifter for Drive
 - Illuminated Ring on Charging Bowl
 - Over The Air (OTA) Updates
 - Paddle Shifters for Multi-mode Regen
 - Tire Pressure Monitoring System (TPMS)
 - Wireless Android Auto™ & Apple CarPlay™
 - High Mounted LED Stop Lamp
 - Steering Mounted Controls
 - Tilt & Telescopic Steering with Illuminiated Logo
 - Rear Window Sunshade
 - Cruise Control
 - Tire Repair Kit
 - iRA.ev Connected Car Suite with Advance 5G
 - User Welcome Message (Voice)
 - Birthday Celebration Mode
 - Commute to Home
 - Commute to Office
 - Relax Mode
 - Me Space with 5 Persnolization Option
 - 70 Connected Features
 - Central Locking with PEPS Key Fob and Push Button Start
 - Electronic Stabily Program (ESP) with 19 Features
 - ROM - Rollover Mitigation
 - VDC - Vehicle Dynamic Control
 - CSC - Corner Stability Control
 - TVB - Torque Vectoring by Brake
 - APB - Automatic Parking Brake
 - AVH - Automatic Vehicle Hold
 - HHC - Hill Hold Control
 - HDC - Hill Descent Control (HDC)
 - HBA - Hydraulic Brake Assist
 - BFC - Brake Fade Compensation
 - EBP - Electronic Brake Pre Fill
 - EDTC - Engine Drag Torque Control
 - TCS - Traction Control System
 - EBD - Electronic Brake Force Distribution
 - ABS - Antilock Braking System
 - CDD - Control Dynamic Deceleration
 - PBA - Panic Brake Alert
 - iVBAC - Intelligent Vacuum-less Boost & Active Control
 - AIB - After Impact Braking

1 Front Row Only



Pure S

Features over Pure

- Voice Assisted Panoramic Sunroof
- Front LED Fog Lamps with Cornering
- Front Parking Sensor
- Smart Slide Parcel Tray
- Electrically Adjustable ORVMs with Autofold
- Roof Rails
- SOS Calling (E-call / B-call)^{###}
- Vehicle to Load (V2L)^{***}
- Vehicle to Vehicle (V2V)^{^^^}
- Acoustic Vehicle Alerting System (AVAS)^ϕ
- Front Frunk Storage



Adventure

Features over Pure S

- 360° HD SVS with 4Sight Blind Spot²
- 8 Way Sliding Sun Visor with Illuminated Mirror
- Boss Mode³
- Express Cooling
- Auto Dimming IRVM
- Wireless Charger
- Boot Lamp
- Rear Defogger
- Ambient Lighting (IP & Centre Console)
- 4 Terrain Modes (Normal, Wet/Rain, Rough, Custom) with Rotary Knob
- Branded Audio
- 12 JBL Black™ Speakers with Central Speaker, Subwoofer & SonicShaft Soundbar
- Harman™ AudioworX Enhanced with 13 JBL Audio Modes
- Dolby Atmos
- Arcade.ev Suite with 30+ Apps
- Airconsole™.QZ
- DrivePayⁿ with Voice Command & Ecommerce
- Leatherette Wrapped Steering Wheel
- Smart Front Seat Back Pockets
- Thigh Support Extender¹
- In-built Navigation with MAPPLS[®]
- Drift Mode

1 Front Row Only
2 4Sight Blindspot only in Adventure & Empowered Variant
3 Only in Adventure & Empowered Variant



Empowered

Features over Adventure

- Horizon View Triple Screen Infotainment Experience
- 31.24 cm Personal Infotainment Touchscreen (PID)
- Ventilated Seats¹
- 6 Way Powered Driver Seat with Memory & Welcome
- BreatheIQ Purifier with AQI Display
- Automatic Car Wake Up by Keyfob
- Digi Access^l (NFC Card)
- Night Saber Bi-LED Booster Headlamp
- Ambient Lighting (Sunroof, Front Door & Overhead Console)
- Clamshell Tailgate with Gesture Control
- Welcome & Goodbye Animation
- Progressive Side Indicators
- Puddle Lamps
- Rear Fog Lamps
- Dual Zone Fully Automatic Temperature Control (DATC)
- 2 Rear USB C (15W Multimedia + 65W Charging)
- Leatherette Interiors
- 60:40 Rear Seats with 2 Stage Recline
- Rear Armrest with Cup Holders
- Adjustable Center Headrest in Second Row

1 Front Row Only



Empowered A

Features over Empowered

- R19 Alloy Wheels
- 4 Way Powered Co-Driver Seat
- HypAR HUD with Multicolour Guides
- Cabin Sterilization - Ioniser System
- 540° View (Transparent Mode^δ (180°) + 360° SVS)
- Blind Spot View Monitor
- Adaptive Front & Rear Turn Camera
- DST - Dynamic Steering Torque (ESP)
- ADAS L2+^Δ with 22 Key Features
 - ISA (TSR) – Intelligent Speed Assist with Traffic Sign
 - ISA (Map) – Intelligent Speed Assist with Map
 - BSD – Blind Spot Detection
 - LCA – Lane Change Alert
 - RCTA – Rear Cross Traffic Alert
 - RCW – Rear Collision Warning
 - DOA – Door Open Alert
 - BSM – Blind Spot View Monitor
 - OSA – Over Speed Alert
 - ACC – Adaptive Cruise Control with Stop & Go
 - FCW – Ped: Forward Collision Warning (Pedestrian)
 - FCW – Car: Forward Collision Warning (Car)
 - FCW – Cyl: Forward Collision Warning (Cyclist)
 - LDW – Lane Departure Warning
 - LKA – Lane Keep Assist
 - LCS – Lane Centering System
 - ASA – Adaptive Steering Assist with ACC
 - HBA – High Beam Assist
 - TSR – Traffic Sign Recognition
 - AEB – Ped: Autonomous Emergency Braking (Pedestrian)
 - AEB – Car: Autonomous Emergency Braking (Car)
 - AEB – Cyl: Autonomous Emergency Braking (Cyclist)
- Auto Park Assist (APA) with 16 features^α
 - Parallel Parking In
 - Parallel Parking Out
 - Perpendicular Parking In
 - Perpendicular Parking Out
 - Angular Park Assist
 - Remote Park Assist
 - Maneuver Distance Warning
 - LSAEB - Low Speed Autonomous Emergency Braking
 - Maneuver Emergency Braking
 - Reversing Assist^Υ
 - Remote Crank and Summon^β
 - Boot Over End Position
 - Rim Protection (Alert)
 - Anywhere Parking
 - Park Distance Warning (PDW)
 - Lead Vehicle Movement Detection



Empowered A AWD

Features over Empowered A

- QWD Dual Motor Setup
- Boost Mode
- 6 Terrain Modes
 - Normal
 - Grass / Snow
 - Mudruts / Gravel
 - Sand
 - Rock Crawl
 - Custom
- Off-road Assist



Variant-wise Battery Configuration

Variant	Pure	Pure S	Adventure	Empowered	Empowered A	Empowered A AWD
63 kWh	Y	Y	Y	Y	-	-
75 kWh	-	-	Y	Y	Y	Y



Images and illustrations are indicative and for information purpose only. All features/specifications are not available in all variants and may vary for different variants. Features/specifications are subject to change without prior information. Please consult an authorized Tata.ev dealer for the latest information on features/specifications before deciding to place an order. Colours may not match actual colours due to printing limitations.^ As per internal testing data, under test ambient temperature conditions. # ARAI Certified, Urban + Extra Urban (MIDC Part 1 + Part 2), actual performance figures may vary depending on various conditions including driving pattern, etc.ΔΔ 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. The HV battery lifetime warranty is exclusively applicable under the following conditions: * Registrations in the name of private individuals.* Registrations made under the company perk car scheme for employees, including subsequent transfers of the vehicle to the same employee. The warranty shall be null and void if the vehicle is transferred or sold to any third party. For First Registered Owner. Applicable for Private Registration only. In case of ownership change, warranty on HV Battery shall be 10 years or 2,00,000 km - whichever is earlier from the date of 1st registration.## Enjoy 4 years of iRA.ev services from date of activation, starting with 1 year of Ultra Pack features, followed by 3 years of Essential Pack access, with flexible re-subscription and upgrade options.~ Enjoy Arcade.ev services for a period of 1 year, with an option to re-subscribe to Ultra Pack through iRA.ev, to continue using the services.### Available in select cities.^^^ Applicable for compatible sink models only at a power output of 5kVA.*** Maximum amount of power output is 3.3kVA. ^^ Prices indicated are Ex-showroom prices. Prices are subject to change without prior information at discretion of TPEML. Contact your nearest Tata.ev dealer for exact prices.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.Φ The Acoustic Vehicle Alerting System (AVAS) enhances pedestrian awareness at speeds up to 20 kmph. It complies with safety regulations but should not replace vigilant driving practices. TPEM will not be responsible for public charger downtime/ charger malfunction/ vehicle damage due to charger malfunction.α Use of the system does not remove the responsibility of the driver to assess visibility, traffic conditions and to intervene when needed. The driver should always use caution to reduce the risk of accidents.β Use of the system does not remove the responsibility of the driver to assess visibility, traffic conditions and to intervene when needed. The driver should always use caution to reduce the risk of accidents.γ Use of the system does not remove the responsibility of the driver to assess visibility, traffic conditions and to intervene when needed. The driver should always use caution to reduce the risk of accidents.δ The Transparent Mode & 540 degree view function is designed to enhance driver awareness and provide a better view of the vehicle’s surroundings. However, it is not a substitute for careful driving and should be used in conjunction with other safety features and driver judgment. Drivers should be aware of the technology’s limitations and remain responsible for the safe operation of the vehicle.η Enjoy Drivepay services as a part of Arcade.ev active subscription. The availability and functionality of Drive Pay, or any part of service thereof, depends on various factors and elements, including software, hardware and communication networks that are provided by NPCI on their own terms. These are not fault free, and Tata.ev does not warrant or guarantee that drive pay will operate without disruption, errors or interruptions, or that a it will be accessible or available at all times. Users are responsible for their transactions and should keep their UPI PIN and other credentials confidential. Tata.ev is not liable for unauthorized transactions or losses due to user negligence or third-party actions. Please read carefully NPCI terms and conditions, before activation & using the UPI mandate which can be amended by NPCI from time to time as per their policy. Please visit their website. θ The navigation system is powered by Mappls Auto. Mappls Auto will only function when internet connectivity is available. Users are responsible for making their own decisions about safe driving and navigating based on their own judgment and awareness of their surroundings and choice of using the preferred navigation means. Services are subject to interruptions or limitations due to various factors. Tata.ev disclaims any warranties, express or implied, related to the accuracy, completeness, or reliability of products or services offered by Mappls Auto. ι To use Digi Access, you must first complete the activation process and then follow the instructions to pair your digital key to your device or your device’s wallet app. To activate either Digi Access and manage the digital keys, your device must have an active data plan with a wireless service provider. Accounts with wireless service providers are your responsibility, and not the responsibility of TPEML. Depending on your data plan, you may incur charges from your wireless service provider for use of their network and/or for specific services, for example, making phone calls, sending or receiving text messages and/or emails or other services. You are solely responsible for any and all costs incurred as a result of the use of this feature. You are solely responsible for any use of Digi Access in your vehicle, even if you are not the one using it, and even if you later claim the use was not authorized. You are also solely responsible for the services requested by you, or by anyone using or occupying your vehicle, through Digi Access key. You promise to educate and inform all users and occupants of your Vehicle about the Digi Access services, system features and limitations and these User Terms. We have no obligation to inquire about the authority of anyone using your Vehicle Digi Access is a comfort enhancement feature and must not be considered as a complete replacement to physical keys offered with your vehicle. It is recommended to always carry a physical key while driving your vehicle to avoid inconvenience in case of unforeseen circumstances as digi access shall not work in case either your vehicle or your registered device is located in no or low network area or your registered device has run out of battery. 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