

EV9

Model Year 2024



Movement that inspires

EV9 MY24 - Mechanical & Feature List

Drivetrain	RWD Single Motor	AWD Dual Motor	
Electric Motor Location	Rear	Front + Rear	
Driven Wheels	Rear Wheel Drive	All Wheel Drive	
Motor Type Front	-	Permanent Magnet Synchronous Motor	
Motor Type Rear	Permanent Magnet Synchronous Motor	Permanent Magnet Synchronous Motor	
Maximum Power - Rear Motor / Front Motor	160 kW / -	141.3 kW / 141.3 kW	
Maximum Torque - Rear Motor / Front Motor	350 Nm / -	350 Nm / 350 Nm	
Combined System Output (Power / Torque)	160 kW / 350 Nm	282.6 kW / 700 Nm	
Acceleration 0-100kph	Approx. 8.2 Seconds	Approx. 6.0 Seconds	Approx. 5.3 Seconds
Maximum Speed	190 km/h	200 km/h	
Transmission Type	1 Speed Automatic Transmission (Reduction Gear)	1 Speed Automatic Transmission (Reduction Gear)	
Final Gear Ratio (Constant)	13.16	10.65 (Front) / 13.16 (Rear)	
Model Variants	Air RWD	Earth AWD	GT-Line AWD
Battery			
Battery Type	Li-ion Battery		
Energy (kWh)	76.1	99.8	
Voltage (V)	632	552	
Capacity (Ah)	120.6	180.9	
Battery Weight (kg)	463.3	566.5	
Battery Position	Under Floor		
AC Normal Charging¹			
Charge Port Location	Driver Side Rear		
Charge Port Type - AC	Type 2 (IEC 62196-2)		
On Board Charger (OBC) Maximum Capacity	7 kW (Single-Phase) / 10.5 kW (Three-Phase)		
AC Charge 10-100% - with 11kW Charger	Approx. 7h (230V / 48A)	Approx. 9h 5m (230V / 48A)	
DC Fast Charging¹			
Charge Port Location	Driver Side Rear		
Charge Port Type - DC	CCS Type 2 (IEC 62196-3 Configuration FF)		
DC Fast Charge 10-80% (50kW Charger)	Approx. 63m	Approx. 83m	
DC Fast Charge 10-80% (350kW Charger)	Approx. 20m	Approx. 24m	
Supported Charging Infrastructure	400 V and 800 V		
WLTP Range²			
	Air RWD	Earth AWD	GT-Line AWD
Energy Consumption (kWh/100km) - Combined	19.5	22.3	22.8
All Electric Range (AER) - Combined (km)	443	512	505
Dimensions			
Overall Length (mm)	5,010		5,015
Overall Width (mm)	1,980		
Overall Height including Roofrails (mm)	1,755		1,780
Wheelbase (mm)	3,100		
Minimum Ground Clearance (mm)	177		
Cargo Area Rear (7 Seats Up) (L, VDA)	333		
Cargo Area Rear (5 Seats Up) (L, VDA)	828		
Cargo Area Rear (2 Seats Up) (L, VDA)	2,318		
Cargo Area Front (Frunk)	90L / 40kg (LED Illuminated with Accessory Net)	52L / 20kg (LED Illuminated)	
Weight			
Tare Weight (kg)	2,312	2,552	2,636
Gross Vehicle Mass (kg)	2,960	3,240	
Towing Capacity³			
Towing capacity unbraked (kg)	450	750	
Towing capacity braked (kg)	900	2,500	
EV Specific Features			
Exterior Charge Status Indicator (4 Stage)	•	•	•
V2L - Vehicle to Load Interior Socket (AUS/NZ Type Socket)	•	•	•
V2L - Vehicle to Load Exterior Adaptor (Type 2 to AUS/NZ Type Socket)	-	-	•
Regenerative Braking Control via Paddle Shifters (Levels 0-3)	•	•	•
Smart Regenerative Braking with BDC (Brake Disc Cleaning)	•	•	•
i-Pedal - One Pedal Driving Function	•	•	•
Charge Management (Scheduled Charging)	•	•	•
Utility Mode Function	•	•	•
ASD (Active Sound Design)	-	-	•
Battery Conditioning	•	•	•
Battery Heat Pump	•	•	•

Steering, Brakes & Suspension	Air RWD	Earth AWD	GT-Line AWD
Power Steering System	Rack Mounted MDPS ⁴ (Electric Power Steering)		
Steering Wheel Turn Lock to Lock	2.93		
DMS ⁵ System	(3 Modes - Eco, Normal, Sport) + My Drive Mode		
Terrain Mode Select System (3 Modes - Snow, Mud, Sand)	-		•
Brake Mode Settings	Normal & Sport		
Tilt & Telescopic Adjustable Steering Column	Manual		Powered
Minimum Turning Circle Diameter (m)	12.4		
Front Suspension Type	McPherson Strut with Double Ball Joint		
Rear Suspension Type	Multi-Link (5 Link)		
Front Brakes	360mm Ventilated Disc		
Rear Brakes	345mm Ventilated Disc		
Electronic Parking Brake with Auto Hold Function	•		
Wheels & Tyres			
Wheel Size / Type	19" Alloy		21" Alloy
Tyres	Kumho/Nexen 255/60 R19		Continental 285/45 R21
TPMS (Tyre Pressure Monitoring System)	•		
Spare Wheel Type	TMK (Tyre Mobility Kit)		
Safety⁶			
Active Safety			
ABS (Anti-Lock Braking System) with EBD ⁷ & BA ⁸	•	•	•
ESC (Electronic Stability Control) with TCS ⁹ & TSA ¹⁰	•	•	•
HAC (Hill-Start Assist Control)	•	•	•
DBC (Downhill Brake Control)	•	•	•
MCB (Multi-Collision Braking)	•	•	•
AEB (Autonomous Emergency Braking) - Car, Pedestrian, Cyclist, Junction Turning/Crossing, Direct/Oncoming Lane Change Detection	•	•	•
LKA (Lane Keeping Assist)	•	•	•
LFA (Lane Following Assist)	•	•	•
Highway Drive Assist 2 (HDA2) with Lane Change Assist (LCA)	•	•	•
BCW (Blind Spot Collision Warning) with RCCW (Rear Cross Traffic Collision Warning)	•	•	•
BCA (Blind Spot Collision Avoidance Assist) with RCCA (Rear Cross Traffic Collision Avoidance)	•	•	•
SEW (Safe Exit Warning)	•	•	•
SEA (Safe Exit Assist)	•	•	•
PCA (Parking Collision Avoidance Assist - Reverse)	-	•	•
PCA (Parking Collision Avoidance Assist - Side)	-	-	•
PCA (Parking Collision Avoidance Assist - Forward)	-	-	•
DAWS (Driver Attention Warning System) with Lead Vehicle Departure Alert and Forward Attention Monitoring	•	•	•
ISLA (Intelligent Speed Limit Assist)	•	•	•
Haptic Steering Wheel Feedback	•	•	•
Parking Sensors with Dash Display (Front + Rear)	•	•	•
Rear View Camera with Dynamic Parking Guidelines	•	•	•
SVM (Surround View Monitor) with 3D Mode	-	•	•
BVM (Blind Spot View Monitor)	-	•	•
Electrochromic Rear View Mirror (Auto Dimming)	•	•	•
ROA (Rear Occupant Alert) with Sensor	•	•	•
HBA (High Beam Assist)	•	•	•
Intelligent Front Lighting System (Matrix LED)	-	-	•
Dusk-Sensing Automatic Head Lights	•	•	•
Front Wiper & Washer (Low/High and 5-Speed Intermittent)	•	•	•
Auto Rain Sensing Wipers	•	•	•
Door Open Warning on Driver Display	•	•	•
Seatbelt Warning Chime & Indicator Light (All Positions)	•	•	•
Speed Sensing Auto Door Locks	•	•	•
Remote Window Control (All Windows)	•	•	•
Child Restraint Anchorage Points (5 x Top Tether Anchors + 4 x ISOFIX Positions)	•	•	•
Powered Child-Proof Rear Door Locks	•	•	•
Hidden Rear Wiper & Washer (2-Speed)	•	•	•

Safety ⁶	Air RWD	Earth AWD	GT-Line AWD
Passive Safety			
Driver & Front Passenger SRS Airbags	•	•	•
Centre Side Airbag (Front)	•	•	•
Side SRS Airbags (1st & 2nd Rows)	•	•	•
Curtain SRS Airbags (All Rows)	•	•	•
3-Point ELR Seatbelts (All Positions)	•	•	•
Seatbelt Pre-Tensioners with Load Limiters (Front & 2nd Row Outer Seats)	•	•	•
Security			
Burglar Alarm	•	•	•
Anti-Theft Immobiliser	•	•	•
Remote Central Locking with Boot and Bonnet Release	•	•	•
Smart Key Remote (x 2) with Remote Engine Start	•	•	•
RSPA2 ¹¹ (Remote Smart Park Assist 2) with Parrallel, Perpendicular & Diagonal Parking Function	-	-	•
Headlight Escort Function	•	•	•
Seating			
Seat Capacity	7	7	7
Seat Trim	Artificial Leather with Perforated Mid-Insert	Artificial Leather with Stripe Stitching	Artificial Leather with Two-Tone GT-Line Styling
Premium Mesh Headrests (Front)	Black		Beige
8-Way Power Drivers Seat	with 2-Way Power Lumbar		with 4-Way Power Lumbar & Power Bolster Adjuster
8-Way Power Passenger Seat with 2-Way Power Lumbar	•	•	•
Premium Relaxation Seats with 2-Way Power Leg Rests (Front)	-	-	•
Integrated Memory System Driver's Seat with 2 Seating Position Memory	-	-	•
Sliding & Reclining 2nd Row Seats (60:40)	•	•	•
Smart One Touch Flat Folding 2nd Row Seats (60:40)	•	•	•
2nd Row Tilt & Slide Walk-In Device	•	•	•
2nd Row Centre Armrest	•	•	•
Split Fold Flat 3rd Row Seats (50:50)	•	•	•
3rd Row Reclining Rear Seatback	•	•	•
Height Adjustable Headrests (All Seats) & Tilt Function (Front Seats)	•	•	•
Height Adjustable Front Seatbelts	•	•	•
Exterior Features			
Exterior Body Design (Front/Rear Bumpers, Door Garnish, Skid Plates)	Standard		GT-Line
Side Sill Moulding with Wheel Arch Extension	Matte Plastic	Gloss Black	
Gloss Black Window Surround	with Satin Silver Beltline		with Gloss Black Beltline
Roof Racks	Silver Low Profile		Black Bridge Type
DSM (Digital Side Mirrors)	-	-	Gloss Black
Outside Door Mirrors with Integrated Side Indicators	•	•	•
Electric Outside Door Mirrors (Adjust/Heated/Folding)	•	•	•
Auto-Flush Door Handles (Body Coloured)	•	•	•
LED Daytime Running Lights	•	•	•
LED Head Lights (Thin Lens Projection Type)	•	•	-
LED Head Lights (Small Cube Projection Type)	-	-	•
LED Tail Lights with Foglight (Full LED)	•	•	•
Roof integrated Rear Spoiler with LED High-Mounted Rear Stop Light	•	•	•
Height Adjustable Smart Power Tailgate	•	•	•
Dual Sunroof (Front Tilt & Sliding, Rear Sliding Only)	-	-	•
Shark Fin Antenna	•	•	•
Aero Blade Wipers	•	•	•
Windscreen with Acoustic Film	•	•	•
Solar Glass (Windscreen & Front Door Glass)	•	•	•
Solar Glass (Rear Windows & Tailgate)	•	•	-
Privacy Glass (Rear Windows & Tailgate)	-	-	•
Laminated Glass (Front & Rear)	•	•	•
Interior Features			
4 Spoke Premium Steering Wheel	•	with Illuminated Logo	
Driver Monitoring In-Cabin Camera	•	•	•
Heated Steering Wheel Function	•	•	•
Shift by Wire (Column Type)	•	•	•
Steering Wheel Paddles (Brake Regen Control)	•	•	•
ASCC (Advanced Smart Cruise Control) with Stop and Go	•	•	•

Interior Features	Air RWD	Earth AWD	GT-Line AWD
Fingerprint Authentication Module	•	•	•
DCM (Digital Centre Mirror)	-	-	•
Multi-Function Trip Computer (Distance Travelled, Energy Consumption, Range, etc)	•	•	•
User Selectable Options (Auto Door Lock/Unlock, Headlight Escort, etc.)	•	•	•
Digital Clock (within Audio Display)	•	•	•
Ambient Temperature Display (within Cluster)	•	•	•
Door Lock Controls (Front)	•	•	•
Power Windows (Front & Rear)	•	•	•
Auto Up/Down Windows with Safety Function (Front & Rear)	•	•	•
Driver's Foot Rest	•	•	(Metal)
Alloy Sports Pedals	-	-	•
Premium Door Scuff Panels & Luggage Sill Plate	-	-	•
Dashboard Garnish	Grey Fabric	Grey Fabric	GT-Line Fabric
Interior Trim (Door & Centre Console Trim)	Silver Metallic Finish	Silver Metallic Finish	GT-Line Fabric
Dashboard Integrated Infotainment Controls with Haptic Feedback	Printed	Printed	Debossed & Backlit
Soft-Touch Door Armrests	•	•	•
Driver & Passenger Sun Visors with Sliding Function	•	•	•
Illuminated Vanity Mirrors	•	•	•
Sunshade Blind (2nd Row, Manual)	-	-	•
1st Row USB Chargers (2 x Lower Front Console, Type C)	•	•	•
2nd Row USB Chargers (2 x Front Seats Side, Type C)	•	•	•
3rd Row USB Chargers (2 x Side Panel, Type C)	•	•	•
2 x 12 Volt Power Outlets (1 x Boot Side / 1 x Lower Front Console)	•	•	•
LED Interior Lighting with LED Cargo Lamp	•	•	•
Interior Light Delay Out	•	•	•
Rear Window Defroster with Timer	•	•	•
Ambient Mood Lighting (64 Colours)	-	•	•
Wireless Phone Charger (Qi) ¹²	•	•	•
Storage			
10 x Cup Holders (4 x Front Console, 2 x Rear Centre Armrest, 4 x 3rd Row Armrest)	•	•	•
4 x Bottle Holders (Front & Rear Doors)	•	•	•
Glovebox with Illumination	Lid Type	Lid Type	Parabolic Type
Centre Console Accessory Storage	Pocket Only	Pocket Only	with Tray & Roller Lid
Centre Console Storage Box with Lid	•	•	•
Front Storage Tray	•	•	•
Front Seat Back Pockets	•	•	•
2nd Row (Behind) Centre Console Storage	•	•	•
2 x Coat Hook (2nd Row)	•	•	•
2 x Coat Hangers (Front Headrests)	•	•	•
Remote Folding 2nd Row Seat (Release Buttons in Boot)	•	•	•
Luggage Net Hooks (Cargo Area)	•	•	•
Luggage Net	•	•	•
Cargo Cover (Retractable)	•	•	•
Infotainment & Driver Display			
AM/FM Radio	•	•	•
DAB Digital Radio	•	•	•
8 Speaker Sound System (6 Speakers, 2 Tweeters)	•	•	-
14 Speaker Meridian ^{®13} Premium Sound System (5 Speakers, 4 Tweeters, 4 Woofers, 1 Subwoofer)	-	-	•
Integrated Panoramic Display (12.3" Digital Driver Cluster + 5" Climate Monitor + 12.3" Touch Screen Infotainment)	•	•	•
Kia Connect ^{™14} Telematics (eCall, Remote Control, Vehicle Status Monitoring etc.)	•	•	•
OTA (Over the Air) Updates	•	•	•
Satellite Navigation Multimedia System with 10 Years Traffic Information and Map Updates	•	•	•
Augmented Reality Head Up Display (AR-HUD)	-	-	•
Sounds of Nature	•	•	•
Personalised Profile (Radio Favourites, Bluetooth Priority etc)	•	•	•
Bluetooth [®] Multi-Connection Functionality (Phone/Media Stream) ¹⁵	•	•	•
Steering Wheel Mounted Audio/Bluetooth [®] Controls	•	•	•
Wired Android Auto [™] with Voice Recognition ¹⁶	•	•	•
Wired Apple CarPlay [™] with Voice Recognition ¹⁷	•	•	•

Ventilation	Air RWD	Earth AWD	GT-Line AWD
Dual-Zone Climate Control Air-Conditioning (Front)	•	•	•
Single-Zone Climate Control Air Conditioning (Rear)	•	•	•
Air Filter	•	•	•
Auto Windscreen Defog	•	•	•
2nd & 3rd Row Air Vents (Roof)	•	•	•
Heated Front Seats	•	•	•
Heated 2nd Row Outer Seats	-	-	•
Ventilated Front Seats	•	•	•
Ventilated 2nd Row Outer Seats	-	-	•
Exterior Colours			
Flare Red (C7R)	•	•	•
Snow White Pearl (SWP)#	•	•	•
Panthera Metal (P2M)#	•	•	•
Aurora Black Pearl (ABP)*	•	•	•
Pebble Grey (DFG)*	•	•	•
Iceberg Green (IEG)#	•	•	•
Ocean Blue Matte (OBM)**	-	-	•
Interior Colours			
Dark Grey and Black (RBQ) with Recycled Grey Fabric Headliner	•	•	-
Dark Grey and Black (RBQ) with Recycled Black Suede Headliner	-	-	•

• Standard - Not available

Specifications apply to 2024 Model Year EV9. Kia Motors Australia reserves the right to discontinue or change the models, features, specifications, options, designs and prices of products referred to in this sheet without incurring any liability whatsoever to any purchaser or prospective purchaser of any such products. Some of the items herein are optional at additional cost. Consult your Kia dealer for the latest information on models, specifications, features, prices, options and availability. Note: As of 28 September 2023, Air RWD and GT-Line AWD have undergone all necessary inspections by the Kia Australia Product Planning team, Earth AWD will undergo all necessary inspections when available. Until inspections are complete, all information and illustrations are based on data available at the time of publication and subject to change without notice. ¹Charging times are based on Kia HQ testing and actual charge times will be dependent on charging conditions, including home charging type and condition, battery temperature as well as ambient temperature. Before using this product at home, consult with a licensed electrician to ensure your home electrical system can support the use. ²Figures based on WLTP (Worldwide Harmonised Light-Duty Vehicles Test Procedure) static laboratory combined average city and highway cycle test, which measure, energy consumption, range and emissions in passenger vehicles, designed to provide figures closer to real-world driving behaviour. Real life driving results will vary depending on a combination of driving style, type of journey, vehicle configuration, battery age and condition, use of vehicle features (such as heating and air conditioning), as well as operating, environmental and climate conditions. ³Subject to State regulations and towbar design. ⁴MDPS - Motor Driven Power Steering. ⁵DMS - Drive Mode Select. ⁶Safety technologies are supplemental systems and do not replace the need for the driver to exercise care and attention. ⁷EBD - Electronic Brake Distribution. ⁸BA - Brake Assist. ⁹TCS - Traction Control System. ¹⁰TSA - Trailer Stability Assist. ¹¹The Road Traffic Code 2000 in WA prohibits people from driving a vehicle unless a person is behind the steering wheel and they have full control over the vehicle. The use of this Remote Smart Park Assist (RSPA) feature will not comply with this rule and thus it should not be used while within WA. ¹²Wireless charging compatible with phones featuring Qi technology or adapter. ¹³Meridian® is a trademark of Meridian Audio Ltd. ¹⁴Kia Connect is a connected car service, providing customers with remote vehicle control, vehicle status monitoring, real-time traffic updates and more. Not all phones will be compatible with the Kia Connect app. For more details on Kia Connect visit kia.com/au/kiaconnect ¹⁵Not all mobile phones will be compatible with the vehicle's Bluetooth® system. Bluetooth® is a registered trademark of Bluetooth SIG. ¹⁶Android Auto™ connectivity requires compatible Android device. See android.com/intl/en_au/ for more details. Android Auto™ is a registered trademark of Google Inc. ¹⁷Apple CarPlay™ connectivity requires compatible iOS device. See apple.com.au for more details. Apple CarPlay™ is a registered trademark of Apple Inc. ¹⁸Premium paint (Metallic/Pearl) at additional cost ¹⁹Premium Paint (Matte) at additional cost paired with Kia Genuine Paint Protection.