

Hyundai KONA EV.

Specifications.



Motor	100 kW Electric Motor	150 kW Electric Motor
Motor type	Permanent magnet synchronous motor	Permanent magnet synchronous motor
Configuration	Front mounted driving front wheels	Front mounted driving front wheels
Maximum power	100 kW	150 kW
Maximum torque	395 Nm	395 Nm
Battery	100 kW Electric Motor	150 kW Electric Motor
Battery type	Lithium-ion Polymer	Lithium-ion Polymer
Capacity	39.2 kWh	64.0 kWh
Voltage	327 V	356 V
On-board AC charger	100 kW Electric Motor	150 kW Electric Motor
Charging capacity	7.2 kW	7.2 kW
Standard charging time - 240 V (10% to 100%)	Approximately 6 hours	Approximately 9 hours 15 minutes
On-board DC fast charger	100 kW Electric Motor	150 kW Electric Motor
Charging capacity	100 kW	100 kW
50 kW fast charging time (10% to 80%)	Approximately 48 minutes	Approximately 64 minutes
100 kW fast charging time (10% to 80%)	Approximately 47 minutes	Approximately 47 minutes
On-board emergency (domestic) charger	100 kW Electric Motor	150 kW Electric Motor
Type	In-cable control box (ICCB) with domestic 3-pin plug input	
Output capacity	230 V, 10 A	
Charging plug	Type 2 (IEC 62196-2 Type 2)	
Transmission	100 kW Electric Motor	150 kW Electric Motor
Reduction gear	Single speed reduction gear	
Gear ratio	Reduction gear	
Reduction gear	7.981	
Motor/transmission availability	100 kW Electric Motor	150 kW Electric Motor
	Reduction gear	Reduction gear
Elite	•	•
Highlander	•	•
Steering	100 kW Electric Motor	150 kW Electric Motor
Type	Column mounted Motor Driven Power Steering (C-MDPS), rack & pinion	
Minimum turning circle diameter between kerbs / walls	10.4 m	
Number of steering wheel turns lock to lock	2.5	
Suspension	100 kW Electric Motor	150 kW Electric Motor
Front	MacPherson strut	
Rear	Multi-link	
Brakes	100 kW Electric Motor	150 kW Electric Motor
	Automatic	
System	Dual-diagonal, split circuit, power assisted with Electronic Brakeforce Distribution (EBD), Brake Assist System (BAS), and active hydraulic booster (regenerative braking)	
Front brake type	Ventilated disc	
Front disc dimensions	305 mm x 25 mm	
Rear brake type	Solid disc	
Rear disc dimensions	300 mm x 10 mm	
Weight	100 kW Electric Motor	150 kW Electric Motor
	Automatic	
Kerb weight - lightest	1535 kg	1685 kg
Kerb weight - heaviest	1593 kg	1743 kg
Gross Vehicle Mass (GVM)	2030 kg	2180 kg
Permissible Axle Weight (PAW) - front	1100 kg	1100 kg

Permissible Axle Weight (PAW) - rear	1120 kg	1120 kg
Roof rack load limit	80 kg	80 kg
Energy consumption ^a	100 kW Electric Motor	150 kW Electric Motor
Electric driving efficiency - combined (Wh/km)	143 ^c (WLTP standard)	131 ^b (ADR 81/02 & NEDC standard) 147 ^c (WLTP standard)
Electric range	Approximately 305 km ^c (WLTP standard)	557 km ^b (ADR 81/02 & NEDC standard) Approximately 484 km ^c (WLTP standard)
<p>a. Based on Australian Design Rule 81/02 static laboratory combined average city and highway cycle test. Real world energy consumption will vary depending on a combination of driving habits, the condition of the vehicle, and other factors such as road, traffic and weather conditions. ADR 81/02 test results are meant for comparison purposes only.</p> <p>b. Range based on Australian Design Rule 81/02 static laboratory combined average city and highway cycle test (same as NEDC defined by UNECE R101/01), and may not reflect real life driving results. 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. ADR 81/02 test results are meant for comparison purposes only.</p> <p>c. Figure based on WLTP (Worldwide Harmonised Light-Duty Vehicles Test Procedure) static laboratory combined average city and highway cycle test, which measures 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.</p>		
Dimensions		
Exterior		
Length		4205 mm
Width		1800 mm
Height (with roof rails)		1555 (1570) mm
Wheelbase		2600 mm
Wheel track - front / rear		1564 / 1575 mm
Minimum ground clearance (based on kerb weight)		158 mm
Interior		
Head room front (w/ Sunroof) / rear		1005 (965) / 957 mm
Leg room front / rear		1054 / 848 mm
Shoulder room front / rear		1410 / 1385 mm
Hip room front / rear		1355 / 1326 mm
Cargo area - VDA (minimum / maximum)		332 L / 1114 L
Wheels & tyres	Elite	Highlander
Wheel type		Alloy
Wheel dimensions		17 x 7.0J +50
Tyre dimensions		215/55 R17 94V
Tyre brand		Michelin Primacy4
Spare wheel type		Tyre mobility kit
Driving convenience	Elite	Highlander
Electronic Parking Brake (EPB) (with auto hold function)	•	•
One touch turn signal - 3, 5, or 7 flashes	•	•
Rain sensing wipers	•	•
Rear wiper - 2-stage, with auto wipe on reverse	•	•
Remote start - via Smart Key	•	•
Smart Key with push button start	•	•
Steering wheel mounted controls - audio, phone, cruise control & trip computer	•	•
Tilt & telescopic steering column	•	•
Driving engagement	Elite	Highlander
Drive Mode - 4 settings (Eco, Eco+, Normal, Sport)	•	•
Paddle shifters - regenerative braking control	•	•
Shift By Wire (SBW) - electronic gear shift buttons	•	•
Active safety	Elite	Highlander
Electronic Stability Control (ESC) including;		
Anti-lock Braking System (ABS)	•	•
Brake Assist System (BAS)	•	•
Electronic Brakeforce Distribution (EBD)	•	•
Hill-start Assist Control (HAC)	•	•
Traction Control System (TCS)	•	•
Vehicle Stability Management (VSM)	•	•
Hyundai SmartSense™ including;		
Blind-Spot Collision-Avoidance Assist (BCA)	•	•
Driver Attention Warning (DAW)	•	•
Forward Collision-Avoidance Assist (FCA) - camera and radar type, including:		
- Car/Pedestrian/Cyclist detection	•	•
- City/Urban/Interurban operational speeds		

High Beam Assist (HBA)	-	•
Lane Following Assist (LFA)	•	•
Lane Keeping Assist - Line/Road-Edge (LKA-L/R)	•	•
Rear Cross-Traffic Collision-Avoidance Assist (RCCA)	•	•
Rear Occupant Alert (ROA)	•	•
Safe Exit Warning (SEW)	•	•
Smart Cruise Control with Stop & Go (SCC w/ S&G)	•	•
Other features		
Parking Distance Warning-Front (PDW-F) - 4 sensors, with guidance display	-	•
Parking Distance Warning-Reverse (PDW-R) - 4 sensors, with guidance display	•	•
Rear View Monitor with Parking Guidance (RVM w/ PG)	•	•
Tyre Pressure Monitoring System (TPMS) - individual tyre pressure readout	•	•
Passive safety	Elite	Highlander
Airbags		
Front airbags - driver & front passenger	•	•
Side (thorax) airbags - driver & front passenger	•	•
Side curtain airbags - 1st & 2nd row	•	•
Doors		
Impact sensing auto door unlock	•	•
Rear door child safety locks	•	•
Seatbelts		
Pretensioners, load limiters & height adjustable upper mounts on front seat belts	•	•
Pretensioners & load limiters on rear seat belts	•	•
Seat belt reminder - front & rear seatbelts	•	•
Seating		
Height adjustable front head restraints with tilt function	•	•
Height adjustable rear head restraints	•	•
ISOFIX child restraint anchors (rear outboard seats)	•	•
Top tether child restraint anchors (rear) - 3 anchors	•	•
Security	Elite	Highlander
Security system		
Active lock/unlock operation (user configurable)	•	•
Anti-theft alarm	•	•
Central locking	•	•
Engine immobiliser	•	•
Remotes		
Keyless entry remote - 2x	-	-
Smart Key remote - 2x	•	•
Multimedia system	Elite	Highlander
Functions		
Apple CarPlay¹ & Android Auto² compatibility	•	•
Bluetooth phone connectivity	•	•
Satellite navigation	•	•
Live traffic updates (RDS-TMC)	•	•
Touch screen - 10.25" display	•	•
Speakers		
Harman Kardon™ premium audio system - 8 speakers with external amplifier	•	•
Audio/media sources		
AM/FM radio	•	•
Digital radio (DAB+)	•	•
Radio Data System (RDS)	•	•
USB multimedia input	•	•
Bluetooth audio streaming	•	•
Quiet Mode - Speaker volume limitation for a quieter cabin	•	•
Occupant comfort & convenience	Elite	Highlander
Upholstery/trim		
Leather³ appointed interior - seats & steering wheel	•	•
Front seats		
Driver's seat - height adjustable	•	•

Driver's seat - power adjustable - 10-way (including 2-way lumbar support)	-	•
Passenger's seat - height adjustable	•	•
Passenger's seat - power adjustable - 8-way	-	•
Front centre console lower storage section - power outlets - 1 x 12V outlet	•	•
Front centre console lower storage section - USB power outlet	•	•
Front centre console - wireless charging pad (Qi standard) ⁴	•	•
Grip handles - 1x (passenger)	•	•
Rear seats		
Centre fold down armrest	•	•
Grip handles - 2x	•	•
Rear centre console - USB power outlet	•	•
Windows/shades		
Acoustic laminated windshield glass	•	•
Glass sunroof - tilt and slide panel	-	• ⁵
One touch window up & down function with anti-pinching safety feature - front windows	•	•
Power windows - front & rear	•	•
Rear privacy glass	•	•
Solar control glass	•	•
Sunvisor (extendable) - driver and front passenger	•	•
Vision & sight	Elite	Highlander
Interior mirror		
Electro-Chromatic Mirror (ECM) - auto-dimming	-	•
Exterior mirrors		
Heated	•	•
Power adjustable	•	•
Power folding with auto fold function	•	•
Instrument cluster/driving displays		
Head-Up Display (HUD)	-	•
Supervision cluster - 10.25" TFT colour LCD with trip computer & digital speedometer	•	•
Ventilation & heating	Elite	Highlander
Air conditioning		
Climate control - single zone with auto defog function	•	•
Cabin air filter	•	•
Cooling/heating vents - rear floor	•	•
Front seats		
Air ventilated front seats	-	•
Heated front seats	-	•
Rear seats		
Heated rear outboard seats	-	•
Other features		
Heated rear windshield	•	•
Heated steering wheel	-	•
Exterior styling	Elite	Highlander
Front		
Front closed grille - body coloured	•	•
Front grille lower garnish insert - satin chrome	•	•
Side		
Body cladding - body colour	•	•
Rear		
Spoiler - roof colour matched, tailgate mounted	•	•
Lower bumper garnish insert - satin chrome	-	•
Interior styling	Elite	Highlander
Treatments		
Cloth headlining	-	• ⁵
Alloy pedals	•	•
Alloy effect finish (interior door handles and centre console)	•	•
Alloy effect inserts (steering wheel)	•	•
Alloy effect surrounds (HVAC dials and air vents)	•	•

Coloured stitching - blue (seats)	•	•
Materials		
Premium materials - door centre trim	•	•
Lighting	Elite	Highlander
Exterior lighting - front		
Daytime Running Lights (DRL) - LED	•	•
Headlight functions - automatic dusk sensing with escort and welcome	•	•
Headlight type - LED (low/high beam)	-	•
Headlight type - multi face reflector	-	•
Headlight type - projector beam	•	-
Indicator lights - LED	-	•
Positioning lights - LED	•	•
Exterior lighting - rear		
Fog light	•	•
High Mount Stop Light (HMSL) - LED	•	•
Rear combination lights - LED (bulb reverse light)	-	•
Exterior lighting - others		
Side repeaters - LED, integrated into side mirrors	•	•
Interior lighting - front		
Front ambient lighting - LED, in front footwells	-	•
Front room lights and map lights	•	-
Front room lights and map lights - LED	-	• ⁵
Vanity mirror lights	•	•
Interior lighting - rear		
Centre room light	•	-
Centre room light - LED	-	• ⁵
Interior lighting - others		
Cargo area light	•	-
Cargo area light - LED	-	• ⁵
Interior light fade-out delay	•	•
Storage solutions	Elite	Highlander
Front seats		
Cup holders - centre console	•	•
Front seat back pockets	•	•
Glovebox compartment	•	•
Retractable sunglasses compartment	•	•
Ticket holders - sunvisors (driver and front passenger)	•	•
Rear seats		
Coat hooks - 1x	•	•
Cup holders - armrest	•	•
Rear seating split folding - 60:40	•	•
Boot/Luggage area		
Bag hooks - 1x	•	•
Cargo shelf	•	•
Luggage compartment - 4x mounting points - chrome	•	•
Luggage net	•	•
Others		
Doors - map pockets and bottle bulges (front and rear)	•	•
Roof rails	•	•
Option packages	Elite	Highlander
Two-tone roof pack		
Grey two-tone interior	◦	◦
Phantom Black two-tone roof and side mirrors	-	◦
Notes: 1. Apple CarPlay requires iPhone 5 or subsequent model (lightning cable) in order to operate. 2. Android Auto requires a device with Android 5.0 operating system or subsequent version in order to operate. 3. Finishes specified as leather may contain elements of genuine leather, polyurethane leather (leather substitute) or man-made materials, or a combination thereof. 4. Wireless charging requires a Qi-enabled smartphone or adapter in order to operate. 5. Feature not available when two-tone roof is optioned.		
Key: • = Feature is available on trim ◦ = Feature is available on trim only as part of an option pack - = Feature is not available on trim		