

# 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
<b>Energy consumption<sup>a</sup></b>	<b>100 kW Electric Motor</b>	<b>150 kW Electric Motor</b>
Electric driving efficiency - combined (Wh/km)	143 <sup>c</sup> (WLTP standard)	131 <sup>b</sup> (ADR 81/02 & NEDC standard) 147 <sup>c</sup> (WLTP standard)
Electric range	Approximately 305 km <sup>c</sup> (WLTP standard)	557 km <sup>b</sup> (ADR 81/02 & NEDC standard) Approximately 484 km <sup>c</sup> (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>		
<b>Dimensions</b>		
<b>Exterior</b>		
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	
<b>Interior</b>		
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	
<b>Wheels &amp; tyres</b>		
	<b>Elite</b>	<b>Highlander</b>
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	
<b>Driving convenience</b>		
	<b>Elite</b>	<b>Highlander</b>
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	•	•
<b>Driving engagement</b>		
	<b>Elite</b>	<b>Highlander</b>
Drive Mode - 4 settings (Eco, Eco+, Normal, Sport)	•	•
Paddle shifters - regenerative braking control	•	•
Shift By Wire (SBW) - electronic gear shift buttons	•	•
<b>Active safety</b>		
	<b>Elite</b>	<b>Highlander</b>
<b>Electronic Stability Control (ESC) including;</b>		
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)	•	•
<b>Hyundai SmartSense™ including;</b>		
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)	•	•
<b>Other features</b>		
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	•	•
<b>Passive safety</b>	<b>Elite</b>	<b>Highlander</b>
<b>Airbags</b>		
Front airbags - driver & front passenger	•	•
Side (thorax) airbags - driver & front passenger	•	•
Side curtain airbags - 1st & 2nd row	•	•
<b>Doors</b>		
Impact sensing auto door unlock	•	•
Rear door child safety locks	•	•
<b>Seatbelts</b>		
Pretensioners, load limiters & height adjustable upper mounts on front seat belts	•	•
Pretensioners & load limiters on rear seat belts	•	•
Seat belt reminder - front & rear seatbelts	•	•
<b>Seating</b>		
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	•	•
<b>Security</b>	<b>Elite</b>	<b>Highlander</b>
<b>Security system</b>		
Active lock/unlock operation (user configurable)	•	•
Anti-theft alarm	•	•
Central locking	•	•
Engine immobiliser	•	•
<b>Remotes</b>		
Keyless entry remote - 2x	-	-
Smart Key remote - 2x	•	•
<b>Multimedia system</b>	<b>Elite</b>	<b>Highlander</b>
<b>Functions</b>		
Apple CarPlay <sup>1</sup> & Android Auto <sup>2</sup> compatibility	•	•
Bluetooth phone connectivity	•	•
Satellite navigation	•	•
Live traffic updates (RDS-TMC)	•	•
Touch screen - 10.25" display	•	•
<b>Speakers</b>		
Harman Kardon™ premium audio system - 8 speakers with external amplifier	•	•
<b>Audio/media sources</b>		
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	•	•
<b>Occupant comfort &amp; convenience</b>	<b>Elite</b>	<b>Highlander</b>
<b>Upholstery/trim</b>		
Leather <sup>3</sup> appointed interior - seats & steering wheel	•	•
<b>Front seats</b>		
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) <sup>4</sup>	•	•
Grip handles - 1x (passenger)	•	•
<b>Rear seats</b>		
Centre fold down armrest	•	•
Grip handles - 2x	•	•
Rear centre console - USB power outlet	•	•
<b>Windows/shades</b>		
Acoustic laminated windshield glass	•	•
Glass sunroof - tilt and slide panel	-	• <sup>5</sup>
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	•	•
<b>Vision &amp; sight</b>	<b>Elite</b>	<b>Highlander</b>
<b>Interior mirror</b>		
Electro-Chromatic Mirror (ECM) - auto-dimming	-	•
<b>Exterior mirrors</b>		
Heated	•	•
Power adjustable	•	•
Power folding with auto fold function	•	•
<b>Instrument cluster/driving displays</b>		
Head-Up Display (HUD)	-	•
Supervision cluster - 10.25" TFT colour LCD with trip computer & digital speedometer	•	•
<b>Ventilation &amp; heating</b>	<b>Elite</b>	<b>Highlander</b>
<b>Air conditioning</b>		
Climate control - single zone with auto defog function	•	•
Cabin air filter	•	•
Cooling/heating vents - rear floor	•	•
<b>Front seats</b>		
Air ventilated front seats	-	•
Heated front seats	-	•
<b>Rear seats</b>		
Heated rear outboard seats	-	•
<b>Other features</b>		
Heated rear windshield	•	•
Heated steering wheel	-	•
<b>Exterior styling</b>	<b>Elite</b>	<b>Highlander</b>
<b>Front</b>		
Front closed grille - body coloured	•	•
Front grille lower garnish insert - satin chrome	•	•
<b>Side</b>		
Body cladding - body colour	•	•
<b>Rear</b>		
Spoiler - roof colour matched, tailgate mounted	•	•
Lower bumper garnish insert - satin chrome	-	•
<b>Interior styling</b>	<b>Elite</b>	<b>Highlander</b>
<b>Treatments</b>		
Cloth headlining	-	• <sup>5</sup>
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)	•	•
<b>Materials</b>		
Premium materials - door centre trim	•	•
<b>Lighting</b>	<b>Elite</b>	<b>Highlander</b>
<b>Exterior lighting - front</b>		
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	•	•
<b>Exterior lighting - rear</b>		
Fog light	•	•
High Mount Stop Light (HMSL) - LED	•	•
Rear combination lights - LED (bulb reverse light)	-	•
<b>Exterior lighting - others</b>		
Side repeaters - LED, integrated into side mirrors	•	•
<b>Interior lighting - front</b>		
Front ambient lighting - LED, in front footwells	-	•
Front room lights and map lights	•	-
Front room lights and map lights - LED	-	• <sup>5</sup>
Vanity mirror lights	•	•
<b>Interior lighting - rear</b>		
Centre room light	•	-
Centre room light - LED	-	• <sup>5</sup>
<b>Interior lighting - others</b>		
Cargo area light	•	-
Cargo area light - LED	-	• <sup>5</sup>
Interior light fade-out delay	•	•
<b>Storage solutions</b>	<b>Elite</b>	<b>Highlander</b>
<b>Front seats</b>		
Cup holders - centre console	•	•
Front seat back pockets	•	•
Glovebox compartment	•	•
Retractable sunglasses compartment	•	•
Ticket holders - sunvisors (driver and front passenger)	•	•
<b>Rear seats</b>		
Coat hooks - 1x	•	•
Cup holders - armrest	•	•
Rear seating split folding - 60:40	•	•
<b>Boot/Luggage area</b>		
Bag hooks - 1x	•	•
Cargo shelf	•	•
Luggage compartment - 4x mounting points - chrome	•	•
Luggage net	•	•
<b>Others</b>		
Doors - map pockets and bottle bulges (front and rear)	•	•
Roof rails	•	•
<b>Option packages</b>	<b>Elite</b>	<b>Highlander</b>
<b>Two-tone roof pack</b>		
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