

# Hyundai KONA Electric

## Specifications.



Hyundai KONA Electric		
Electric motor(s)	99 kW Electric Motor	150kW 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	99 kW	150 kW
Maximum torque	255 Nm	
High Voltage Battery	99 kW Electric Motor	150kW Electric Motor
Battery type	Lithium-ion	
Capacity	48.6 kWh	64.8 kWh
Output	128 kW	182 kW
Voltage	269 V	358 V
Cooling system	99 kW Electric Motor	150kW Electric Motor
Active Air Flap (AAF) - air intake shutters	•	
On-board AC charger	99 kW Electric Motor	150kW Electric Motor
Charging capacity	10.4 kW	
Standard charging time - 240 V (10% to 100%)	Approximately 5 hours 15 minutes	Approximately 6 hours 35 minutes
Charging port	Type 2 (IEC 62196-2 Type 2)	
On-board DC fast charger	99 kW Electric Motor	150kW Electric Motor
Charging capacity	100 kW	
50 kW fast charging time (10% to 80%)	Approximately 1 hour 5 minutes	
100 kW fast charging time (10% to 80%)	Approximately 45 minutes	
Charging port	CCS Combo2 (IEC 62196-3 Configuration FF)	
Portable emergency charging cable	99 kW Electric Motor	150kW Electric Motor
Type	In-Cable Control Box (ICCB) with domestic 3-pin plug input	
Output capacity (maximum)	230 V, 10 A	
Standard charging time (230 V at maximum charging capacity - 10% to 100%)	Approximately 20 hours 40 minutes	Approximately 27 hours 45 minutes
Charging plug	Type 2 (IEC 62196-2 Type 2)	
Vehicle To Load (V2L)	99 kW Electric Motor	150kW Electric Motor
Output capacity (maximum)	250 V, 3 kW, 15 A	
Connector - inside	Domestic 3-pin plug output	
Transmission	99 kW Electric Motor	150kW Electric Motor
Reduction gear	Single speed reduction gear	
Gear ratio	Reduction gear	
Reduction gear	10.650	
Driveline	99 kW Electric Motor	150kW Electric Motor
Two Wheel Drive (2WD) - front wheel drive	•	
Steering	99 kW Electric Motor	150kW Electric Motor
Type	Column mounted Motor Driven Power Steering (C-MDPS), rack & pinion	
Minimum turning circle diameter between kerbs / walls	10.6 m	
Number of steering wheel turns lock to lock	2.55	
Suspension	99 kW Electric Motor	150kW Electric Motor
Front	MacPherson strut	
Rear	Multi-Link	
Damping Control System	High performance dampers	
Brakes	99 kW Electric Motor	150kW Electric Motor
Booster	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		
<b>Weight</b>	<b>99 kW Electric Motor</b>	<b>150kW Electric Motor</b>	
Kerb weight - lightest	1615 kg	1698 kg	
Kerb weight - heaviest	1690 kg	1795 kg	
Gross Vehicle Mass (GVM)	2110 kg	2220 kg	
Permissible Axle Weight (PAW) - front	1172 kg		
Permissible Axle Weight (PAW) - rear	1129 kg		
Roof rack load limit	100 kg		
Luggage floor board load limit	60 kg		
Front under bonnet cargo area load limit	10 kg		
<b>Towing Capacity</b>	<b>99 kW Electric Motor</b>	<b>150kW Electric Motor</b>	
Braked			750 kg
Un-braked	-		300 kg
Maximum tow ball weight			100 kg
<b>Energy consumption*</b>	<b>99 kW Electric Motor</b>	<b>150kW Electric Motor</b>	
Wheel size	17"	17"	19"
Electric driving efficiency; Combined: Wh/km	148	147	167
kWh/100km	14.8	14.7	16.7
All Electric Range (AER)	370 km	505 km	444 km
*Figure 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.			
<b>Powertrain availability</b>	<b>99 kW Electric Motor</b>	<b>150kW Electric Motor</b>	
Variant			
KONA	•		
KONA Premium	-	•	
<b>Dimensions</b>	<b>KONA</b>	<b>KONA Premium</b>	
<b>Exterior</b>			
Length	4355 mm		
Width	1825 mm		
Height (inc. roof rails)	1580 mm		
Wheelbase	2660 mm		
Wheel track - front / rear	1591 / 1600 mm	1589 / 1598 mm	
Ground clearance	151 mm		
<b>Interior</b>			
Head room - front / rear	1015 / 972 mm	974 / 972 mm	
Leg room - front / rear	1059 / 925 mm		
Shoulder room - front / rear	1435 / 1402 mm		
Hip room - front / rear	1378 / 1330 mm		
Cargo area rear - VDA (minimum / maximum)	407 / 1241 L		
Cargo area front - VDA	27 L		
Total cargo area - VDA (minimum / maximum)	434 / 1268 L		
<b>Wheels &amp; tyres</b>	<b>KONA</b>	<b>KONA Premium</b>	
Wheel size	17"	19"	
Wheel type	Alloy		
Wheel dimensions	17 x 7.0J +50	19 x 7.5J +51	
Tyre dimensions	215/60 R17 96H	235/45 R19 99V	
Spare wheel type	Temporary space saver		
Spare wheel dimensions	17 x 4.0J +30		
Spare tyre dimensions	T135/90 D17 104M		
<b>Electric vehicle functions</b>	<b>KONA</b>	<b>KONA Premium</b>	
Battery heating system - optimises cold climate charging time and energy consumption			•
Battery conditioning system - controls the battery temperature to enhance fast charging performance			•
Charging cable locking function - set the locking mode for a connected charging cable	•		•
Charging current function - set the defined battery charging current limit for AC charging			

Charging limit function - set the defined battery charging limit for AC/DC charging		
Driver only climate control fan function - decreases energy consumption		
Eco mode climate control function - decreases energy consumption by reducing heating/cooling power of climate control		
Navigation POI - EV charging stations; with auto display based on remaining battery %, including: Real-time charger status information, powered by Bluelink®		
Next departure function - set the intended departure time for the scheduled charging, including: Target temperature function - set the intended climate control temperature for next departure		
Regenerative braking control - via paddle shifters		
Scheduled charging function - set the intended start and end time for charging; Off-peak tariffs prioritised/Off-peak tariffs only	•	•
Smart Regenerative Braking 2.0 - including navigation based recuperation		
Utility mode function - uses the high voltage battery to power vehicle electronics, including; Minimise interior lights function - minimises the brightness of the interior display and lights		
Vehicle to Load (V2L) connection (inside) - domestic 3-pin plug output		
Vehicle to Load (V2L) electricity use settings - set the minimum battery charge % level at which the V2L will stop		
Visual notification of charging status (charge port door) - Parametric pixel LED indicator		
Voice notification of charging status (outside) - using external VESS speaker		
<b>Active safety</b>	<b>KONA</b>	<b>KONA Premium</b>
<b>Electronic Stability Control (ESC) including;</b>		
Anti-lock Braking System (ABS)		
Brake Assist System (BAS)		
Hill-start Assist Control (HAC)		
Multi Collision-Avoidance Brake (MCB)	•	•
Traction Control System (TCS)		
Vehicle Stability Management (VSM)		
<b>Hyundai SmartSense™ including;</b>		
Blind-Spot Collision Avoidance-Assist (BCA)	•	
Blind-Spot View Monitor (BVM)	-	
Driver Attention Warning (DAW), including; Leading Vehicle Departure Alert Forward Attention Warning (FAW) - in-cabin camera		
Forward Collision-Avoidance Assist (FCA 2.0) including: Car / Powered two-wheeler / Pedestrian / Cyclist detection Direct Oncoming function (FCA - DO) Evasive Steering Assist function (FCA - w/ESA) Lane-Change Oncoming / Side functions (FCA - LO/LS) Junction Crossing / Turning functions (FCA - JC/JT)	•	
High Beam Assist (HBA)		
Intelligent Speed Limit Assist (ISLA)		•
Lane Following Assist (LFA)		
Lane Keeping Assist - Line/Road-Edge (LKA-L/R)		
Parking Collision-Avoidance Assist - Reverse (PCA-R)	-	
Rear Cross-Traffic Collision-Avoidance Assist (RCCA)		
Rear Occupant Alert (ROA) - logic type		
Safe Exit Warning (SEW)	•	
Smart Cruise Control (SCC), including; Stop & Go function (SCC w/ S&G) Machine Learning function (SCC w/ ML) - Based on Driving Style		
Surround View Monitor (SVM) camera including; 3D Surround View function Front view, rear view, front/rear side view	-	

Top down view w/tailgate guide lines, trailer connection mode, car wash entering mode Front/rear wide view function - w/ image view on command Parking Distance Warning - Forward/Side/Reverse (PDW-F/S/R) function w/ dynamic guidelines & contour guidance display	-	•
<b>Other features</b>		
Emergency Stop Signal (ESS)		•
Manual Speed Limit Assist (MSLA)	•	
Parking Distance Warning - Forward/Reverse (PDW-F/R) - 4 sensors front & rear with cluster guidance display		-
Parking Distance Warning - Forward/Side/Reverse (PDW-F/S/R) - 6 sensors front/side & rear/side with cluster guidance display	-	•
Rear View Monitor (RVM) camera including; Top down view w/tailgate guide lines, trailer connection mode Rear wide view function - rear view image on command Parking Distance Warning - Forward/Reverse (PDW-F/R) function w/dynamic guidelines & contour guidance display	•	-
Remote Smart Parking Assist (RSPA) - Forward/Reverse parking functions	-	
Steering wheel with Haptic feedback - SmartSense™ functions		•
Tyre Pressure Monitoring System (TPMS) - individual tyre pressure readout	•	
Virtual Engine Sound System (VESS) - external sound notification for pedestrians		
<b>Passive safety</b>	<b>KONA</b>	<b>KONA Premium</b>
<b>Airbags</b>		
Front airbags - driver & front passenger		
Front centre side airbag	•	•
Side (thorax & pelvis) airbags - driver & front passenger		
Side curtain airbags		
<b>Doors</b>		
Impact sensing auto door unlock	•	•
Rear door child safety locks		
<b>Seatbelts</b>		
Emergency Locking Retractors (ELR) - all seating positions		
Pre-tensioners - all seating positions	•	•
Height adjustable upper mounts - front		
Seat belt reminder - all seating positions		
<b>Seating</b>		
Height adjustable head restraints - all seating positions		
ISOFIX child restraint anchors - 2x (rear outboard seats)	•	•
Top tether child restraint anchors - 3x (rear seats)		
<b>Security</b>	<b>KONA</b>	<b>KONA Premium</b>
<b>Security system</b>		
Active lock/unlock operation (user configurable)		
Anti-theft alarm	•	•
Central locking		
Engine immobiliser		
<b>Remotes</b>		
Smart Key remote - 2x including; Emergency key blade - 2x	•	•
<b>Bluelink® connected car service</b>	<b>KONA</b>	<b>KONA Premium</b>
<b>Vehicle functions</b>		
Automatic Collision Notification (ACN)		
Emergency Call (SOS) function		
Connected Routing - server based navigation		
Valet Mode function - restricted infotainment control	•	•
Voice Control - server based & natural voice recognition, including; vehicle controls, information, command & control		
Calendar integration (Google, iCloud) & vehicle diagnostics		
Weather forecast information		
<b>Remote functions</b>		

Alert Services - set geo-fencing, valet, speed/time alerts and notification limits		
Remote functions - door lock/unlock, window open/close, hazard warning lights, horn, open/close charging port, start/stop charging	•	•
Remote climate control - including; windscreen defog and heated rear window/side mirrors operation		
<b>Remote services</b>		
Navigation - destination send to car, find my car, my trips		
Vehicle status & notifications - remote functions successful/unsuccessful, charging status, locking status, climate control status	•	•
Vehicle settings & management - scheduled charging, charging limits, energy consumption monitor, drivable distance radius, charging station search		
<b>Software updates</b>		
Over The Air (OTA) software update capability	•	•
<b>Multimedia system</b>	<b>KONA</b>	<b>KONA Premium</b>
<b>Audio/media sources</b>		
AM radio		
FM / Digital radio (DAB+)		
Apple CarPlay™ <sup>1</sup> & Android Auto® <sup>2</sup> compatibility	•	•
Bluetooth® audio streaming		
Sounds of Nature - 10 pre-set sounds		
USB C-type multimedia input - inc. music - 1x (centre console)		
<b>Functions</b>		
Bluetooth® Multi-Connection; 1 x phone/audio & 1 x audio		
Bluetooth® Message Access Profile (MAP) - SMS playback capability; audio & visual		
Capacitive touch screen - 12.3" HD display, blue light filter; including: Split screen function		
Quiet Mode function - Audio volume limited to '6' in front and muted in rear	•	•
Radio Data System (RDS)		
Satellite Navigation		
Live traffic updates (Bluelink®)		
Voice memo function - up to 70 minutes recording time		
Electric vehicle functions display		
<b>Speakers</b>		
Audio system - 6 speakers	•	-
BOSE™ Premium audio system - 8 speakers with external amplifier	-	•
<b>Driving convenience</b>	<b>KONA</b>	<b>KONA Premium</b>
Auto Hold function	•	
Electronic Parking Brake (EPB)		
Integrated Memory System (IMS), includes: 2 driver's seat positions (excluding lumbar) & exterior mirror positions	-	
Easy Access function - driver's seat	-	
One touch turn signal - 3, 5, or 7 flashes		
Rain sensing windscreen wipers	•	
Rear wiper - 2-stage, with auto wipe in reverse		•
Remote start - via Smart Key		
Reverse parking aid function - exterior mirrors	-	
Smart Key system with push button start		
Steering wheel mounted controls - audio, favourite, phone, voice control, lane safety, smart cruise control, trip computer	•	
Tilt & telescopic steering column		
Personalised User Profile selection - 3 custom profiles; Driver 1, Driver 2 & Guest		
<b>Driving engagement</b>	<b>KONA</b>	<b>KONA Premium</b>
Drive Mode - 4 settings (Eco, Normal, Sport, Snow)		
iPedal mode - intelligent one pedal driving mode		
Paddle shifters - regenerative braking control (steering wheel mounted)	•	•
Shift By Wire (SBW), electronic gear shift control; steering column mounted		

Occupant comfort & convenience	KONA	KONA Premium
Upholstery/trim		
Premium cloth seats	•	-
Leather <sup>3</sup> appointed seats	-	•
Leather <sup>3</sup> appointed steering wheel	•	•
Front seats		
Driver's seat - height adjustable (manual)	•	-
Driver's seat - power lumbar support - 2-way	-	-
Driver's seat - power adjustable - 10-way (including lumbar)	-	-
Driver's seat - Relaxation comfort seat function (zero gravity position)	-	•
Driver's seat - seat position change alert (multimedia system display)	-	-
Passenger's seat - height adjustable (manual)	•	-
Passenger's seat - power adjustable - 8-way	-	-
Passenger's seat - Relaxation comfort seat function (zero gravity position)	-	-
12V power outlet - 1x (centre console)	-	•
USB C-type power outlets - 2x (centre console)	•	-
Wireless charging pad (Qi standard) <sup>4</sup> - 1x (centre console)	-	-
Grip handle - 1x (passenger)	-	-
Rear seats		
Backrest recline function - 2-way manual; 2x (60:40)	-	-
Centre fold down armrest	•	•
Grip handles - 2x	-	-
USB C-type power outlets - 2x (rear centre console)	-	-
Windows/shades		
Acoustic laminated windshield glass	-	-
Solar control windshield and front door glass	-	-
Rear privacy glass	-	-
Full width glass sunroof - tilt and slide panel with power sunshade	-	•
One touch window up & down function with anti-pinching safety feature - front	-	-
Convenience remote window opening/closing function with Smart Key - front	•	-
Sun visors - extendable with vanity mirror; driver and front passenger	-	-
Doors/cargo/tailgate		
Smart Power Tailgate - hands-free opening; speed & height adjustable	-	•
<b>Vision &amp; sight</b>		
<b>KONA</b>		
<b>KONA Premium</b>		
Interior mirror		
Electro-Chromatic Mirror (ECM) - auto-dimming	•	•
Exterior mirrors		
Heated	-	-
Power adjustable	-	-
Power folding - with auto fold upon door lock	•	•
Welcome mirror function - auto unfold upon door unlock / driver approach	-	-
Instrument cluster/driving displays		
Head Up Display (HUD) - 12" colour display (windscreen type)	-	-
Instrument cluster - 12.3" colour TFT-LCD full screen digital display, including: 2 x gauge style; Classic, Simple 3 x display themes; Normal, Eco, Sport	•	•

Ventilation & heating	KONA	KONA Premium
Air conditioning		
Dual Zone Climate control - front, including; Auto control; 3-level fan (low, medium & high) Auto internal air circulation function; windscreen washer & tunnel based Auto Defog function Auto Dehumidify function Auto Drying function Rear cooling/heating floor ducts - 2x Rear cooling/heating air vents - 2x; centre console Driver only fan control function	•	•
Front seats		
Heated seats	-	
Ventilated seats	-	
Heated steering wheel	-	•
Heat pump system - high efficiency heater	•	
Auto Comfort Control - auto activation of driver's heated/ventilated seat & heated steering wheel	-	
Rear seats		
Heated outboard seats	-	•
Other features		
Cabin air filter	•	•
Heated rear window - with timer		
<b>Exterior styling</b>		
<b>KONA</b>		
<b>KONA Premium</b>		
Cladding - body colour painted		
Beltline/rear spoiler garnish trim - satin chrome		
Lower garnish trim - gloss black	•	•
Front lower air intake - Parametric Pixel graphics		
Rear bumper - Parametric Pixel graphics		
Other features		
Roof aerial - gloss black (shark fin type)	•	•
Roof rails - dark grey		
<b>Interior finishes</b>		
<b>KONA</b>		
<b>KONA Premium</b>		
Cloth finish - door trim inserts, dashboard tray	•	-
Leather <sup>3</sup> appointed finish - door trim inserts, dashboard tray, door arm rests	-	
Leather <sup>3</sup> appointed finish - centre console armrest		•
Dashboard trim - brushed alloy effect	•	
Door release handles - silver finish		
Headlining - cloth	-	
<b>Lighting</b>		
<b>KONA</b>		
<b>KONA Premium</b>		
Exterior lighting - front		
Daytime Running Lights (DRL) - LED		
Headlight functions - automatic dusk sensing with escort and welcome		•
Headlight levelling device - manual type	•	
Headlight lighting source - LED (low/high beam)		
Headlight type - Multi Face Reflector (MFR)		-
Headlight type - Dual projector beam	-	•
Indicator lights - LED	-	
Positioning lights - LED	•	-
Positioning light - LED; 'Seamless Horizon' full width w/Parametric Pixel graphics	-	•
Exterior lighting - rear		
High Mount Stop Light (HMSL) - LED		
Positioning light - LED; full width w/Parametric Pixel graphics	•	•
Stop lights - LED		
Indicator lights - LED	-	
Exterior lighting - side		
Indicator lights - LED; integrated into side mirrors		•

Exterior lighting - others		
Charge port light - LED		•
Front cargo area light - LED		
Interior lighting - front		
Ambient mood lighting - LED; dashboard & doors, including: Adjustable colours & brightness; 10 pre-set and up to 64 colour choices	-	
Front room lights and map lights - LED		•
Glovebox compartment light - LED	•	
Vanity mirror lights - LED		
Interior lighting - rear		
Centre room light - LED	•	•
Interior lighting - others		
Cargo area light - LED	•	•
Storage solutions	KONA	KONA Premium
Front seats		
Bottle holders - doors (1.5L)	•	•
Centre console - open type		
Centre console - removable partition <sup>5</sup>	(From November 2023 production order pack)	(From November 2023 production order pack)
Centre console - removable storage tray		
Cup holders - centre console; 2x (retractable)		
Dashboard tray - passenger side		
Glovebox compartment - with damped lid	•	•
Instrument panel display board - with magnetic attachment capability		
Map pockets - doors		
Ticket holders - sun visors; 2x		
Rear seats		
Bottle holders - doors (0.7L)		
Coat hook - 1x		
Cup holders including phone slot - armrest; 2x	•	•
Front seat back pockets - net type		
Seat backrest - split folding (60:40)		
Rear cargo/luggage area		
Bag hooks - 3x	-	•
Bag hooks - 4x		-
Cargo shelf - with storage location (behind rear seat)		
Luggage floor board - dual level, foldable	•	
Luggage net		•
Tie down hooks - 4x		
Storage recess - left side	-	
Storage recess - left & right sides	•	-
Front cargo/luggage area		
Front cargo compartment		
Luggage net	•	•
Tie down hooks - 4x		
Others		
Roof rails	•	•

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. Centre console removable partition only available from November 2023 production order pack

Key:  
• = Feature is available on trim  
- = Feature is not available on trim