

IONIQ 9.

Specifications.



Hyundai IONIQ 9		
Configuration	Seats	
Seats	7 Seat	6 Seat
Electric motor(s)	Calligraphy	
Motor type - front	Permanent magnet synchronous motor	
Motor type - rear	Permanent magnet synchronous motor	
Configuration	Front + rear mounted driving front + rear wheels	
Maximum power - front motor / rear motor	157 kW + 157 kW Electric Motors	
Maximum torque - front motor / rear motor	350 Nm / 350 Nm	
Maximum power - total	314kW	
Maximum torque - total	700 Nm	
Battery	Calligraphy	
Battery type	Lithium-ion	
Capacity	110.3 kWh	
Voltage	610 V	
Cooling system	Calligraphy	
Dual Active Air Flap (DAAF) - front lower air intake shutters	•	
On-board AC charger	Calligraphy	
Charging capacity (maximum)	10.5kW	
Standard charging time (10 to 100%)	Approx 10hr at 10.5kW	
Charging port	Type 2 (IEC 62196-2 Type 2)	
On-board DC fast charger	Calligraphy	
Charger compatibility	400 / 800 V	
50 kW fast charging time (10 to 80%)	Approx. 109min	
350 kW ultra-fast charging time (10 to 80%)	Approx. 24min	
Charging port	CCS Combo2 (IEC 62196-3 Configuration FF)	
Portable emergency charging cable	Calligraphy	
Type	In-cable control box (ICCB) with domestic 3-pin plug input	
Output capacity (maximum)	230 V, 12 A	
Charging plug	Type 2 (IEC 62196-2 Type 2)	
Standard charging time (230 V at maximum charging capacity - 10 to 100%, 3-phase, 16A)	Approx. 10 hr	
Vehicle To Load (V2L)	Calligraphy	
Exterior V2L Adapter	•	
Transmission	Calligraphy	
Reduction gear - Front	Single speed reduction gear	
Reduction gear - Rear	Single speed reduction gear	
Gear ratio	Reduction Gear	
Reduction gear - Front	10.65	
Reduction gear - Rear	13.16	

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Driveline	Calligraphy	
Drive type	AWD	
Suspension	Calligraphy	
Front	McPherson Strut + Dual Link type	
Rear	5 Multi Link Type suspension, self-levelling dampers	
Brakes	Calligraphy	
System	Active hydraulic booster (regenerative braking)	
Front brake type	Ventilated disc	
Front disc dimensions	360 mm x 30 mm	
Rear brake type	Ventilated disc	
Rear disc dimensions	345 mm x 20 mm	
Weight	Calligraphy	
Kerb weight - lightest	2610 kg	
Kerb weight - heaviest	2744 kg	
Tare weight	2721 kg	2744 kg
Gross Vehicle Mass - GVM	3320 kg	
Towing capacity	Calligraphy	
Braked	2500 kg	
Unbraked	750 kg	
Maximum tow ball weight	125 kg	
Trailer pre-wiring package	•	
Energy consumption*	Calligraphy	
Electric driving efficiency (Combined)	206Wh/km	
All Electric Range (WLTP)	600km	
* 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.		
Seating capacity availability	Calligraphy	
6 passenger (2nd row individual outboard seats)		•
7 passenger (2nd row bench type seat)	•	
Dimensions	Calligraphy	
Exterior	7 seat	6 seat
Length	5060mm	
Width	1980mm	
Height	1790mm	
Wheelbase	3130mm	
Wheel track - front / rear	1692mm/1703.8mm	
Minimum ground clearance (based on kerb weight)	174mm	
Interior	7 seat	6 seat
Head room 1 st row / 2 nd row / 3 rd row	1003mm / 1000mm / 1011mm	
Leg room 1 st row / 2 nd row / 3 rd row	1052mm / 1086mm / 813mm	
Shoulder room 1 st row / 2 nd row / 3 rd row	1560mm / 1550mm / 1398mm	
Hip room 1 st row / 2 nd row / 3 rd row	1494mm / 1466mm / 1059mm	
Cargo area - minimum : behind 3 rd row / behind 2 nd row (VDA)	338L / 908L	
Wheels & tyres	Calligraphy	
Tyre brand	Continental	
Wheel dimensions	21 x 9.0J +58.5	
Tyre dimensions	285/45R21	
Spare wheel type	Tire Mobility Kit	
Active safety	Calligraphy	
Electronic Stability Control (ESC) including;	7 seat	6 seat
Anti-lock Braking System (ABS)	•	
Brake Assist System (BAS)	•	
Electronic Brakeforce Distribution (EBD)	•	
Downhill brake control (DBC)	•	
Hill-start Assist Control (HAC)	•	

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Multi Collision-Avoidance Brake (MCB)		•
Trailer Stability Assist (TSA)		•
Traction Control System (TCS)		•
Vehicle Stability Management (VSM)		•
Hyundai SmartSense™ including;	7 seat	6 seat
Blind-spot Collision Avoidance-Assist - rear-side		•
Blind-Spot View Monitor (BVM)		•
Driver Attention Warning (DAW), including;		
Leading Vehicle Departure Alert		•
Hand On Detection (HOD) - Direct sensing type		
Forward Attention Warning (FAW) - In-Cabin Camera (ICC)		
Forward Collision-avoidance Assist 2 (FCA 2), including;		
Direct Oncoming		
Car/Pedestrian/Cyclist detection (FCA - CAR/PED/CYC)		•
Junction Turning/Junction Crossing function (FCA - JT/JC)		
Lane-change Oncoming/Lane-Change Side function (FCA - LO/LS)		
Evasive Steering Assist function (FCA w/ ESA)		
High Beam Assist (HBA)		•
Highway Driving Assist 2 (HDA 2) including;		•
Distance control, Lane following control and Lane change assist control		
Intelligent Speed Limit Assist (ISLA)		•
Lane Following Assist 2 (LFA2)		•
Lane Keeping Assist - Line/Road-Edge (LKA-L/R)		•
Parking Collision-avoidance Assist - Front/Side/Reverse (PCA-F/S/R)		•
Rear Cross-Traffic Collision-Avoidance Assist (RCCA)		•
Rear Occupant Alert (ROA) (sensor type)		•
Navigation Based Smart Cruise Control (NSCC), including; curve		•
Safe Exit Assist (SEA)		•
Smart Cruise Control 2, including;		
Stop and Go function (SCC w/ Stop and Go)		•
Machine Learning function (SCC w/ ML) - Based on Driving Style		
Surround View Monitor (SVM) including;		
3D Surround View function		
Driving Rear-View Monitor (DRM) function - rear view image on command		•
Parking Distance Warning function w/dynamic guidelines & guidance display		
Side front/back view and top down view w/car wash entering mode, tailgate guide lines & trailer connection mode		
Remote Smart Parking Assist 2 (RSPA2), including;		
In-vehicle Smart Parking Assist (SPA) features - Perpendicular and parallel reverse parking and parallel forward exit functions		•
Smart Fob Key features - Perpendicular, parallel and diagonal reverse parking, forward/rearward parking functions		
Automatic braking when object is detected in vehicles path		
Other features	7 seat	6 seat
Emergency Stop Signal (ESS)		•
Manual Speed Limit Assist (MSLA)		•
Parking Distance Warning - Forward/Reverse (PDW-F/R) - 8 sensors, with guidance display		•
Parking Collision-avoidance Assist - Front/Side/Reverse (PCA-F/S/R) - 12 sensors		•
Smart Parking Assist (SPA), including; Perpendicular & Parallel reverse parking and Parallel forward exit functions		•
Remote Smart Parking Assist (RSPA), via Smart Key, including; Perpendicular & Parallel reverse parking and Forward/Rearward parking functions		•
Tyre Pressure Monitoring System (TPMS) - individual tyre pressure readout		•
Steering wheel with Haptic feedback - SmartSense™ functions		•

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Passive safety	Calligraphy	
Airbags	7 seat	6 seat
Front airbags - driver & front passenger	•	
Front centre airbag (1st row)	•	
Front knee airbag - driver	•	
Front side (thorax & pelvis) airbags - driver & front passenger	•	
Side curtain airbags - left & right	•	
Second-row side airbags - left & right	•	
Doors	7 seat	6 seat
Electronic child safety lock - rear doors & windows	•	
Seatbelts	7 seat	6 seat
Seat belt reminder - all positions	•	
Seating	7 seat	6 seat
Height adjustable head restraints with forward and back adjustment - 1 st row	•	
Height adjustable head restraints - 2 nd row	•	
ISOFIX child restraint anchors; 2 nd row - 2x (outboard seats)	•	
ISOFIX child restraint anchor; 3 rd row - 2x (outboard seat)	•	
Top tether child restraint anchors; 2 nd row	3x	2x
Top tether child restraint anchors; 3 rd row	2x	
Security	Calligraphy	
Security system	7 seat	6 seat
Active lock/unlock operation (user configurable)	•	
Anti-theft alarm	•	
Engine immobiliser	•	
Central locking	•	
Remotes	7 seat	6 seat
Smart Key remote - 2x	•	
Bluelink® connected car service	Calligraphy	
Vehicle functions	7 seat	6 seat
Automatic Collision Notification (ACN)	•	
Emergency Call (SOS) function	•	
Valet Mode function - geo-fencing, time-fencing, speed alert & restricted infotainment control	•	
Voice Control - natural voice recognition, including; navigation, phone, climate control & vehicle functions	•	
Calendar integration (Google, iCloud) - weather forecast information & vehicle diagnostics	•	
Remote functions	7 seat	6 seat
Remote door lock/unlock, window open/close, window ventilation	•	
Remote exterior lights, hazard warning lights, horn	7 seat	6 seat
Remote climate control - including; windscreen defog, heated rear window/side mirrors, heated seat/steering wheel* & ventilated seat* operation	•	
Remote Surround View Monitor (SVM) - live current SVM feed, view stored video list	•	
Remote services	7 seat	6 seat
Navigation - destination send to car, connected routing, AR last-mile navigation, find my car, my trips	•	
Vehicle status & notifications - open doors & windows, fuel level, distance to empty, alarm operation	•	
Software updates	7 seat	6 seat
Over The Air (OTA) software update capability	•	
Digital Key	Calligraphy	
Digital Key 2 Functionality	•	
Multimedia system	Calligraphy	
Audio/media sources	7 seat	6 seat
AM / FM / Digital radio (DAB+)	•	
Apple CarPlay¹ & Android Auto² compatibility wired/wireless	•	
USB-C multimedia input (1x)	•	

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Functions	7 seat	6 seat
Bluetooth® Multi-Connection; 1 x phone/audio & 1 x audio	•	
Capacitive touch screen - 12.3" display with blue light filter	•	
Satellite navigation with live traffic updates via Bluelink®	•	
Speakers	7 seat	6 seat
BOSE™ Premium audio system - 14 speakers with external amplifier	•	
Active Road Noise Control (ANC-R)	•	
Driving convenience	Calligraphy	
Auto Hold function	•	
Electronic Parking Brake (EPB)	•	
Integrated Memory System (IMS) - driver seat position memory, steering wheel, external mirrors & Head Up Display (HUD) position, linked with personalised profile	•	
Easy Access function - driver's seat	•	
One touch turn signal - 3, 5, or 7 flashes	•	
Intermittent aero type windscreen wipers - with speed control	•	
Rain sensing aero type windscreen wipers - with Auto control	•	
Rear wiper - 2 stage with auto wipe in reverse	•	
Remote Start - via Smart Key	•	
Smart Key with push button start	•	
Steering wheel mounted controls - audio, favourite, phone, voice control, lane safety, smart cruise control/speed limiter & trip computer	•	
Tilt & telescopic steering column	•	
Driving engagement	Calligraphy	
Brake Mode - 2 settings; Comfort & Sport	•	
Drive Mode - 4 settings; ECO, NORMAL, SPORT, MY DRIVE (CUSTOM)	•	
Terrain Mode - 3 settings; SNOW, MUD, SAND	•	
Paddle shifters - Regenerative Braking 5 levels; 0, 1, 2, 3, i-PEDAL	•	
Shift By Wire (SBW), electronic gear shift control - steering column mounted	•	
Occupant comfort & convenience	Calligraphy	
Front seats	7 seat	6 seat
16-way power adjustable, including; 4-way lumbar support - air cell type 2-way cushion support (pelvic) adjustment - air cell type plus; 2-way backrest side bolster adjustment - air cell type (driver only)	•	
Front seats - Ergo Motion function, including; Pelvic stretching, Lumbar stretching and Whole body stretching modes (driver only) Smart Posture Assist function Smart Support function Premium relaxation comfort seats	•	
Seat position memory – Driver	•	
Walk-in switch - Driver/rear passenger control for slide and recline	•	
Centre Console - Universal Island 2.0 with second row sliding tray	-	•
Two-way Multi-console	•	
Grip handle - passenger	•	
Vanity mirrors - Front sun visors	•	
Power outlets, 3x - including; 1 x 12V (180w) 2 x USB-C charger	•	
Wireless mobile phone charging system ⁴ -with cooling function; centre console	•	
Aluminium crash pad garnish	•	
Carpet floor mat - cargo compartment	•	
Second Row Seats	7 seat	6 seat
Backrest recline function - 2-way manual; 2x	•	-
Backrest recline function - 2-way power; 2x	-	•
Seat base slide function - 2-way manual; 2x	•	-
Seat base slide and tilt function - 2-way power; 2x	-	•

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Premium relaxation comfort seats	-	•
Grip handles - 2x		•
Adjustable headrests - 2x (outboard seats)		•
3 rd row walk-in function switch; one-touch - 2x (upper shoulder & seat base)		•
USB C-type power outlets - 2x (front seat back)		•
60:40 split back folding	•	-
50:50 split back folding	-	•
Rear Seats	7 seat	6 seat
50:50 split folding backrest - powered		•
Auto-folding headrests		•
USB C-type power outlets - 2x (luggage trim)		•
Window/Shades	7 seat	6 seat
Acoustic laminated windshield, front door and rear door glass - Sound reducing		•
Solar windshield and front door		•
Privacy glass - Rear side and tailgate glass		•
Panoramic sunroof, front panel with tilt & slide function, fixed rear panel, and power sunshade.		•
Power windows, one touch up/down and safety function		•
Convenience closing function with Smart Key remote - Side windows		•
Rear door window sunshades - Manual type		•
Cargo/Tailgate	7 seat	6 seat
Power outlet - Cargo area; 1 x 12V (180W) - passenger side		•
Smart Power Tailgate - Open/Close and close/lock; with adjustable height and speed and hands free opening		•
Vision & sight	Calligraphy	
Interior mirror	7 seat	6 seat
Electro-Chromatic Mirror (ECM) - auto-dimming		•
Digital Centre Mirror (DCM) - with full screen digital display		•
Exterior mirrors	7 seat	6 seat
Digital Side Mirrors (DSM) - with full screen digital displays		0
Power adjustable		•
Power folding with auto fold function		•
Instrument cluster	7 seat	6 seat
Instrument cluster - 12.3" colour TFT-LCD full screen digital display		•
Head-Up-Display (HUD)		•
Ventilation & heating	Calligraphy	
Fully Automatic Temperature Control (FATC), including;		
Touch type control panel		
Auto Defog function		
Auto Dehumidify function		•
Recirculation Mode Plus - Active recirculation (tunnel mode)		
Smart Ventilation function		
Cabin air filter		
Dual zone 1st row, plus independent 2nd row temperature control		
Rear Fully Automatic Temperature Control (FATC), including;		•
Single zone rear temperature control with independent temp and airflow		
1 st row	7 seat	6 seat
Heated seats		•
Ventilated seats		•
Heated steering wheel		•
Auto Comfort Control - auto activation of driver's heated/ventilated seat & heated steering wheel		•
2 nd row	7 seat	6 seat
Heated outboard seats		•
Ventilated outboard seats		•

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Other features	7 seat	6 seat
Heated rear window - with timer		•
Heat pump system		•
Exterior styling	Calligraphy	
Front	7 seat	6 seat
Front grille - satin chrome/gloss black		•
Lower air intake grille - gloss black		•
Door Garnish - black		•
Headlights - black bezel with Parametric Pixel graphics		•
Side	7 seat	6 seat
Door frame & mirror base/lower cover/front surround - gloss black		•
Side window base trim & d-pillar trim - satin chrome		•
Exterior door handles - body colour		•
Body cladding - body colour		•
Lower side garnish insert - black		•
Rear	7 seat	6 seat
Taillights - black bezel with parametric pixel graphics		•
Roof spoiler - black bezel with parametric pixel graphics		•
Interior styling	Calligraphy	
Materials	7 seat	6 seat
Headlining, A/B/C pillar covers & sun visors - suede		•
Nappa Leather ⁴ appointed seats		•
Door entry scuff plates - stainless steel		•
Cargo area entry scuff plate - stainless steel		•
Lighting	Calligraphy	
Exterior lighting - front		
Daytime Running Lights (DRL) - LED w/Parametric Pixel graphics		•
Headlight functions - automatic dusk sensing with escort and welcome		•
Micro Lens Array (MLA) headlamps including; DRL, position and turn-signals		•
Intelligent Front-Lighting System (IFS) - Intelligent High Beam function		•
Exterior lighting - rear	7 seat	6 seat
Rear Combination lights - Full LED w/Parametric Pixel graphics		•
Fog lights - LED		•
High mount stop light (HMSL) - LED		•
Exterior lighting - others	7 seat	6 seat
Side repeaters - LED w/Parametric Pixel graphics, integrated into side mirrors		•
Front cargo area light - LED		•
Interior lighting	7 seat	6 seat
Mood light - LED		•
Room lights including map lights - LED		•
Glovebox compartment light - LED		•
Vanity mirror lights		•
Interior ambient lighting - user customisable		•
Rear cargo area light		•
Interior light fade-out		•
Storage solutions	Calligraphy	
1 st row	7 seat	6 seat
Cup holders - centre console 2x		•
Glovebox compartment		•
Storage compartments - centre console with UV-C (front lower compartment)		•
Removable storage tray - centre console 1x (main compartment)		•
Ticket holders - 2x (sun visors)		•

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2 nd row	7 seat	6 seat
Coat hook - 2x		•
Cup holders - 2x (centre armrest)	•	-
Cup holders - 4x (door armrests)		•
Seat back pockets - 2x (front seats)		•
Seat belt holders - 2x (outboard seats)		•
3 rd row	7 seat	6 seat
Cup holders - 3x (side trims)		•
Seat belt holders - 2x (outboard seats)		•
Split flat-folding backrest - 50:50		•
Cargo area/Luggage compartment	7 seat	6 seat
Cargo cover - retractable with underfloor storage capability		•
Luggage net		•
Luggage tie down points - 4x		•
Shopping bag hook - 2x (cargo compartment)		•
Smart one-touch, split flat-folding seat backrest switch; 2 nd and 3 rd row seats		•
Storage compartment - underfloor		•
Doors	7 seat	6 seat
Bottle holders - 4x		•
Map pockets - 2x (front doors)		•
Exterior	7 seat	6 seat
Roof rails - silver metallic paint		•

Key:

• = Feature included as standard on trim O = Feature is optional on trim - = Feature is not available on trim

Notes:

1. Apple CarPlay requires iPhone 5 or subsequent model 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.