

IONIQ 6 N.

Specifications.



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Electric motors	
Motor type - front	Permanent magnet synchronous motor driving front wheels
Motor type - rear	Permanent magnet synchronous motor driving rear wheels
Maximum power - front motor / rear motor (with N Grin Boost)	166 kW / 282 kW (175 kW / 303 kW)
Maximum torque - front motor / rear motor (with N Grin Boost)	350 Nm / 390 Nm (370 Nm / 400 Nm)
Maximum power - total (with N Grin Boost)	448 kW (478 kW)
Maximum torque - total (with N Grin Boost)	740 Nm (770 Nm)
Battery	
Battery type	Liquid cooled Lithium-ion
Capacity	84.0 kWh
Cooling system	
Active Air Flap (AAF) - front lower air intake shutters	•
On-board AC charger	
Charging capacity (maximum)	10.5 kW
Standard charging time (10 to 100%)	Approx 11hr 24min at 7.4kW
Charging port	Type 2 (IEC 62196-2 Type 2)
On-board DC fast charger	
Charger compatibility	400 / 800 V
50 kW fast charging time (10 to 80%)	Approx. 81min
350 kW ultra-fast charging time (10 to 80%)	Approx. 18min
Charging port	CCS Combo2 (IEC 62196-3 Configuration FF)
Vehicle To Load (V2L)	
Output capacity (maximum)	250 V, 16 A
Connector - inside	Domestic 3-pin plug output
Transmission	
Reduction gear - Front	Single speed reduction gear
Reduction gear - Rear	Single speed reduction gear
LSD	
Rear	Electronic-Limited Slip Differential (E-LSD)
Driveline	
AWD Type	HTRAC Dual Motor with Disconnecter Actuator System (DAS)

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Steering	
Type	Rack mounted Motor Driven Power Steering (R-MDPS), rack & pinion
Suspension	
Front	MacPherson strut
Rear	Multi-link
Damping control system	Stroke Sensing Electronic Control Suspension (ECS)
Brakes	
Booster	Integrated Electronic Brake (IEB)
Front brake type	Ventilated disc with 4 piston monobloc calipers and air guides
Front disc dimensions	400 mm x 34 mm
Rear brake type	Ventilated disc with single piston sliding calipers and air guides
Rear disc dimensions	360 mm x 20 mm
Aerodynamics	
Coefficient of drag (Cd)	0.274
Weight²	
Tare Mass	2,201 kg
Gross Vehicle Mass (GVM)	2,635 kg
Permissible Axle Weight (PAW) - front	1,276 kg
Permissible Axle Weight (PAW) - rear	1,438 kg
Roof rack load limit	80 kg
Towing Capacity³	
Braked	N/A
Un-braked	N/A
Maximum tow ball weight	N/A
Trailer pre-wiring package	-
Energy consumption¹	
Electric driving efficiency (kWh/100km) Combined:	18.7
All Electric Range (WLTP)	487 km
Performance	
Maximum speed	257 km/h
0 – 100 km/h (with N Launch Control)	3.4 sec (3.2 sec)
100 – 0 km/h	37.2 m
Dimensions²	
Exterior	
Length	4,935 mm
Width	1,940 mm
Height	1,495 mm
Wheelbase	2,965 mm
Wheel track - front / rear	1,665 mm / 1,676 mm
Minimum ground clearance	141 mm (150 mm for battery)
Interior	
Head room front / rear	1,022 mm / 932 mm
Leg room front / rear	1,075 mm / 996 mm
Shoulder room front / rear	1,472 mm / 1,456 mm
Hip room front / rear	1,402 mm / 1,298 mm
Cargo area rear - VDA	371 L

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Wheels & tyres	
Wheel type	Forged Alloy
Wheel dimensions	20 x 9.5J +45
Tyre type	Pirelli P-Zero 5
Tyre dimensions	275/35R20 102Y XL
Spare wheel type	Tyre Mobility Kit (TMK)
Driving engagement	
Brake Mode - 2 settings; Normal & Sport	
Drive Modes - Eco, Normal, Sport, N, Custom 1, Custom 2	
N Active Sound + (NAS+) - High performance sounds delivered via internal and external speakers, user configurable	
N Battery Preconditioning (NBP) - Pre-conditioning for optimal battery temperature for Drag and Track driving	
N Drift Optimiser - Circuit feature delivering optimised torque distribution to enable pro-driver style drifting	
N e-Shift - Virtual shift control for intuitive feel based driving	
N Grin Boost (NGB) - Maximum power delivery for 10 seconds	
N Launch Control - Acceleration assist with user configurable road grip level for optimised torque control	
N Mode in multimedia display - User configurable menu with N Custom mode, performance options, automatic lap timer with N Track Maps	
N Pedal - Circuit feature to enable 1 pedal driving for pro-driver style weight transfer and turn in	
N Race - Maximised battery cooling and power control for track driving with Sprint and Endurance modes	
N Road Sense - Curve sign detection for user prompts to enable N mode	
N dedicated steering wheel - with Drive Modes, Customisable N buttons, and N Grin Boost (NGB) controls	
N Torque Distribution (NTD) - User configurable driving force distribution allowing up to 100% power delivery to front or rear axle	
Regen Brake Maximisation - Enhanced regenerative braking to minimise brake fade and maximise stopping power	
Track State of Charge - Automatic display of battery consumption per lap during track driving	
Electric vehicle functions	
Battery heating system - cold climate battery conditioning for DC charging and driving performance	
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	
Smart zone climate control function - increases driving range	
Eco mode climate control function - increases driving range in Eco drive mode	
EV charge transfer function - set the minimum battery % the V2L automatically discharges down to	
iPedal mode - intelligent one pedal driving mode	
Navigation POI - EV charging stations; with auto display when needed	
Next departure function - set the intended departure time for the scheduled charging	
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 mode - traffic & navigation based	

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Target temperature function - set the intended climate control temperature for next departure	
Utility mode function - uses the high voltage battery to power vehicle electronics	
Vehicle to Load (V2L) connection (inside) - domestic 3-pin plug output	•
Visual notification of charging status (charge port door) - Parametric pixel LED indicator	
Voice notification of charging status (outside) - using external VESS speaker	
Active safety[†]	
Electronic Stability Control (ESC) including;	
Anti-lock Braking System (ABS)	
Brake Assistant System (BAS)	
Electronic Brakeforce Distribution (EBD)	
Hill-start Assist Control (HAC)	
Multi Collision-Avoidance Brake (MCB)	•
Traction Control System (TCS)	
Vehicle Stability Management (VSM)	
Brake disc cleaning function	
ESC Sport mode	
Hyundai SmartSense™ including;	
Blind-Spot Collision Avoidance-Assist (BCA)	
Blind-Spot View Monitor (BVM)	
Driver Attention Warning (DAW), including;	
Leading Vehicle Departure Alert	
Forward Collision-Avoidance Assist (FCA) including:	
Car / Pedestrian / Cyclist Detection (FCA - CAR/PED/CYC)	
Junction Turning / Crossing functions (FCA - JT/JC)	
Direct Oncoming / Lane Change Oncoming / Side functions (FCA - DO/LO/LS)	
Evasive Steering Assist function (FCA - w/ ESA)	
High Beam Assist (HBA)	
Highway Driving Assist (HDA) including:	
Distance control, Lane Following Control, and Lane Change Assist Control	
Intelligent Speed Limit Assist (ISLA)	•
Lane Following Assist (LFA)	
Lane Keeping Assist - Line/Road-Edge (LKA-L/R)	
Navigation-based Smart Cruise Control (NSCC)	
Parking Collision-Avoidance Assist - Forward/Side/Reverse (PCA-F/S/R)	
Rear Cross-Traffic Collision-Avoidance Assist (RCCA)	
Rear Occupant Alert (ROA) - warning type	
Safe Exit Assist (SEA)	
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) including;	
3D Surround View function	
Driving Rear-View Monitor (DRM) function - rear view image on command	

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Parking Distance Warning function w/ dynamic guidelines & guidance display	
Car wash entering mode	•
Tailgate guide-line mode	
Other features	
Emergency Stop Signal (ESS)	
Manual Speed Limit Assist (MSLA)	
Parking Distance Warning - Forward/Side/Reverse (PDW-F/S/R) - 6 sensors front & rear with guidance display	
Smart Parking Assist (SPA), including;	
Perpendicular, parallel & and diagonal reverse parking and parallel forward exit functions	•
Remote Smart Parking Assist (RSPA), via Smart Key, including;	
Perpendicular, parallel & and diagonal reverse parking and forward/rearward parking functions	
Tyre Pressure Monitoring System (TPMS) - with custom mode	
Virtual Engine Sound System (VESS) - external sound notification for pedestrians	
Steering wheel with Haptic feedback - SmartSense™ functions	
Passive safety	
Airbags	
Front airbags - driver & front passenger	
Side (thorax & pelvis) airbags - driver & front passenger	•
Side curtain airbags	
Doors	
Impact sensing auto door unlock	•
Electronic child safety lock - rear doors & windows	
Seatbelts	
Load limiters - front & rear seat belts	
Pretensioners & height adjustable upper mounts on front seat belts	•
Pretensioners on rear outboard seat belts	
Seat belt reminder - front & rear seatbelts	
Seating	
Height adjustable rear head restraints	
ISOFIX child restraint anchors (rear outboard seats)	
Top tether child restraint anchors (rear) - 3 anchors	•
N Light Seats - fixed headrest, lightweight front bucket seats, extended bolsters and illuminated N logo	
Security	
Security system	
Active lock/unlock operation (user configurable)	
Anti-theft alarm	•
Central locking	
Engine immobiliser	
Remotes	
Smart key remote - 2x including emergency key blade	•
Other	
Capacitive touch front door handles - lock / unlock function	•
Connectivity	
Vehicle functions	
Bluelink® connected car service ⁵	•
Digital Key 2 ⁶	

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Multimedia system	
Audio/media sources	
AM / FM / Digital radio (DAB+)	
Apple CarPlay ^{®10} & Android Auto ^{™11} compatibility - wired and wireless	•
Bluetooth ^{®12} audio streaming	
USB C-type multimedia input - 1x (centre console)	
Functions	
Bluetooth [®] - with multi-connection (1 x phone/audio & 1 x audio)	
Capacitive touch screen - 12.3" HD display, blue light filter	
Quiet Mode function - Audio volume limited 1st row and muted in rear	
Radio Data System (RDS)	•
Satellite Navigation	
Live traffic updates (Bluelink [®])	
Voice memo function	
Electric vehicle functions display	
Speakers	
Bose [™] premium audio system - 8 speakers with external amplifier	•
Driving convenience ⁷	
Auto Hold function	
Electronic Parking Brake (EPB)	
One touch turn signal - 3, 5, or 7 flashes	
Personalised User Profile selection - 3 custom profiles; Driver 1, Driver 2 & Guest	
Rain sensing aero wipers	•
Remote Start - via Smart Key	
Smart key with push button start	
Steering wheel mounted controls	
Tilt & telescopic steering column	
Occupant comfort & convenience	
Upholstery/trim	
Leather [®] appointed steering wheel	
Alcantara/leather [®] appointed seats	•
Alcantara appointed door armrests and centre console	
Front seats	
1 x 12V power outlet - front console	
2 x USB-C power outlet - front console	
Centre console armrest - sliding type	
Driver's seat - height adjustable	
Driver's seat - manually adjustable	•
Grip handles - 1x (passenger)	
Knee brace integrated into front console lower	
Passenger's seat - height adjustable	
Passenger's seat - manually adjustable	
Wireless charging pad 15W (Qi standard) ⁹ - centre console	

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Rear seats	
Centre fold down armrest	
Grip handles - 2x	
2 x USB-C power outlet - rear of centre console	•
Manual backrest recline function - 2-way (60:40)	
Manual seat base slide function - 2-way (60:40)	
Windows/shades	
Acoustic laminated glass - windshield glass	
Acoustic laminated glass - side doors	
Solar control glass - windshield & front doors	
Privacy glass - rear doors & tailgate	•
Power windows - one touch up & down function with anti-pinch safety feature - all windows	
Convenience opening/closing function with Smart Key remote - all windows	
Sun visors (extendable) - driver and front passenger	
Sunroof	o
Doors/tailgate	
Luggage area power outlet - 1 x 12V outlet	
Power charge flap - open/close	
Power retractable door handles - with approach open & unlock function	•
Power Tailgate - open/close; with adjustable height and speed	
Smart Tailgate function - hands-free opening	
Vision & sight	
Interior mirror	
Electro-Chromatic Mirror (ECM) - auto-dimming	•
Exterior mirrors	
Heated	
Power adjustable	•
Power folding with auto fold function	
Instrument cluster	
12.3" Supervision cluster - with vehicle, navigation and multimedia information and dedicated N themes	•
Head-Up-Display - with driving information and dedicated N themes	
Ventilation & heating	
Air conditioning	
Climate control - dual zone including;	
Touch type control panel	
Auto defog function, auto dehumidify function, and air-conditioning auto-drying function	
Auto internal air circulation function; windscreen washer based & navigation map data based	•
Auto fan function - including 3 modes; Low, Medium & High	
Cabin air filter	
Cooling/heating vents - rear 'B' pillars	
Cooling/heating ducts - rear floor	
Front seats	
Heated front seats - 3 stage	•
Air ventilated front seats - 3 stage	

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Other features

Auto Comfort Control - auto activation of driver's heated / ventilated seat & heated steering wheel

Heated rear windshield

Heated steering wheel

Heat pump system - high efficiency heater

Exterior styling

Front

Headlights - black bezel with Parametric Pixel graphics

Front upper middle trim - gloss black with Parametric Pixel graphics and N logo

Front bumper - N dedicated bumper with upper radiator grille, side air curtains, active air flaps and luminous orange inserts

Rear

Taillights - black bezel with parametric pixel graphics and N exclusive black IONIQ 5 lettering

Rear bumper - N dedicated bumper with Parametric Pixel reflectors, diffuser, and luminous orange inserts

Roof spoiler - N exclusive tailgate mounted with integrated high mount stop lamp and rear view camera

Side

Air guides in front of rear wheels

Door frame, beltline moulding & mirror - gloss black

Flush type door handle

Side skirts - N exclusive with luminous orange inserts

Wheels

Machined faced forged alloy wheel with aero inserts - N exclusive

Other features

Roof aerial (shark fin type) - gloss black

Interior finishes

Materials

Alloy effect finishes on wiper/light/transmission controls

Door scuff plates - N exclusive stainless steel with flag pixel design

Headlining - cloth

Pedals - N exclusive metal with pixel flag cutout rubber grip pads

Premium door trim materials

Design

Steering wheel - N exclusive with Performance Blue centre mark

Lighting

Exterior lighting - front

Headlight functions - automatic dusk sensing with escort and welcome

Headlight type - Dual projector LED with intelligent high beam function (IFS)

Positioning lights - LED w/Parametric Pixel graphics

Daytime Running Lights (DRL) - LED w/Parametric Pixel graphics

Turn signal lights - LED w/Parametric Pixel graphics

Exterior lighting - rear

Taillights - Full LED lighting system w/Parametric Pixel graphics

LED light guide - full width

Fog lights - LED integrated into lighting system

License plate lights - LED

High mount stop light (HMSL) - N exclusive triangular LED

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Exterior lighting - others	
Side repeaters - LED w/Parametric Pixel graphics, integrated into side mirrors	•
Interior lighting - front	
Map lights with touch type operation - LED	
Mood light - LED	
Room lights including map lights - LED	•
Glovebox compartment light - LED	
Vanity mirror lights - LED	
Interior lighting - rear	
Room lights and map lights - LED (outboard)	•
Interior lighting - others	
Interior Ambient lighting - LED in door trim and speaker surrounds with adjustable colours & brightness	
Rear cargo area light	•
Interior light fade-out delay	
Storage solutions	
Front seats	
Centre console storage	
Cup holders including - centre console lower	
Front lower console storage compartment	•
Glovebox compartment - conventional type	
Ticket holders - sun visors (driver and front passenger)	
Rear seats	
Coat hooks - 1x	
Cup holders including phone holder - armrest	•
Split folding backrest - 60:40	
Boot/luggage area	
Luggage board - foldable	•
Underfloor storage compartment	
Others	
Doors - map pockets and bottle holders (front and rear)	•

Key:

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

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- The Hyundai Digital Key 2 feature requires a compatible mobile device, Bluelink app installation and an active Bluelink subscription. Features, app and specifications are subject to change. Hyundai Digital Key 2 and Digital Key 2 Touch can be shared via the Wallet app (Apple Wallet, Google Wallet and Samsung Wallet) on your mobile device. Shared keys can only be used on devices that are compatible with Hyundai Digital Key. Convenience aid only. Not intended as a permanent key replacement.
- The accuracy and operation of driver convenience features may vary based on factors including, but not limited to, weather, speed, traffic, road conditions and markings. Availability of some driver convenience features depend on variant and transmission chosen. Please refer to your Owner’s Manual for further details on limitations.
- Finishes specified as leather appointed may contain elements of genuine leather, polyurethane leather (leather substitute) or man-made materials, or a combination thereof.
- Wireless charging requires a Qi-enabled smartphone or adaptor in order to operate.
- Apple CarPlay® requires phone with compatible version of Apple iOS and active data service. Apple® and other third parties are responsible for their respective functionality. Apple CarPlay®, Apple® and iPhone® are registered trademarks of Apple Inc.
- Android Auto™ requires a device with compatible version of Android® and active data service. Google and other third parties are responsible for their respective functionality. Android Auto™ is a trademark of Google LLC.
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