

# Hyundai IONIQ 5.

## Specifications.



Electric motor(s)	DYNAMIQ 2WD	TECHNIQ AWD
Motor type - rear	Permanent magnet synchronous motor	
Motor type - front	-	Permanent magnet synchronous motor
Configuration	Rear mounted driving rear wheels	Rear + front mounted driving rear + front wheels
Maximum power - rear motor / front motor	160 kW / -	155 kW / 70 kW
Maximum torque - rear motor / front motor	350 Nm / -	350 Nm / 255 Nm
Maximum power - total	160 kW	225 kW
Maximum torque - total	350 Nm	605 Nm
Battery	DYNAMIQ 2WD	TECHNIQ AWD
Battery type	Liquid cooled Lithium-ion	
Capacity	72.6 kWh	
Output	253 kW	
Voltage	653 V	
Cooling system	DYNAMIQ 2WD	TECHNIQ AWD
Active Air Flap (AAF) - front lower air intake shutters		•
On-board AC charger	DYNAMIQ 2WD	TECHNIQ AWD
Charging capacity (maximum)	10.5 kW	
Standard charging time (240 V at maximum charging capacity)	Approximately 6 hours 6 minutes	
Charging port	Type 2 (IEC 62196-2 Type 2)	
On-board DC fast charger	DYNAMIQ 2WD	TECHNIQ AWD
Charging capacity	350 kW	
Charger compatibility	400 / 800 V	
50 kW fast charging time (up to 80%)	Approximately 56 minutes 30 seconds	Approximately 61 minutes 42 seconds
350 kW ultra-fast charging time (up to 80%)	Approximately 17 minutes 16 seconds	Approximately 17 minutes 16 seconds
Charging port	CCS Combo2 (IEC 62196-3 Configuration FF)	
Portable emergency charging cable	DYNAMIQ 2WD	TECHNIQ AWD
Type	In-cable control box (ICCB) with domestic 3-pin plug input	
Output capacity (maximum)	230 V, 10 A	
Charging plug	Type 2 (IEC 62196-2 Type 2)	
Standard charging time (230 V at maximum charging capacity - up to 100%)	Approximately 31 hours	
Vehicle To Load (V2L)	DYNAMIQ 2WD	TECHNIQ AWD
Output capacity (maximum)	250 V, 3.6 kW, 15 A	
Connector - outside	CCS Combo2 (IEC 62196-3 Configuration FF) 2-way adapter to domestic 3-pin plug output	
Connector - inside	Domestic 3-pin plug output	
Transmission	DYNAMIQ 2WD	TECHNIQ AWD
Reduction gear - Rear	Single speed reduction gear	
Reduction gear - Front	-	Single speed reduction gear
Gear ratio	Reduction gear (rear)	Reduction gear (rear) + Reduction gear (front)
Reduction gear - Rear	2.263	
Reduction gear - Front	-	2.263
Final gear	4.706	
Driveline	DYNAMIQ 2WD	TECHNIQ AWD
Two Wheel Drive (2WD) - rear wheel drive	•	-
All Wheel Drive (AWD)	-	•
AWD Type	-	HTRAC Dual Motor with Disconnecter Actuator System (DAS)
Other		
Under bonnet insulator	-	•
Steering	DYNAMIQ 2WD	TECHNIQ AWD
Type	Rack mounted Motor Driven Power Steering (R-MDPS), rack & pinion	
Minimum turning circle diameter between kerbs / walls	11.98 m	
Number of steering wheel turns lock to lock	2.67	

Suspension	DYNAMIQ 2WD	TECHNIQ AWD
Front	MacPherson strut	
Rear	Multi-link	
Damping control system	High performance dampers	
Brakes	DYNAMIQ 2WD	TECHNIQ AWD
System	Dual diagonal-split circuit, power assisted with Electronic Brake-force Distribution (EBD), Electronic Stability Control (ESC) and active hydraulic booster (regenerative braking)	
Booster	Integrated Electric Booster (IEB)	
Front brake type	Ventilated disc	
Front disc dimensions	345 mm x 30 mm	
Rear brake type	Ventilated disc	
Rear disc dimensions	345 mm x 20 mm	
Weight	DYNAMIQ 2WD	TECHNIQ AWD
Tare Mass	1990 kg	2100kg
Gross Vehicle Mass (GVM)	2430 kg	2540 kg
Permissible Axle Weight (PAW) - front	1280 kg	1280 kg
Permissible Axle Weight (PAW) - rear	1370kg	1370 kg
Roof rack load limit	80 kg	
Front under bonnet cargo area load limit	25 kg	10 kg
Towing Capacity	DYNAMIQ 2WD	TECHNIQ AWD
Braked	1600 kg	
Un-braked	750 kg	
Maximum tow ball weight	100 kg	
Trailer pre-wiring package	•	
Energy consumption*	DYNAMIQ 2WD	TECHNIQ AWD
Electric driving efficiency; Combined:		
Wh/km	168	190
kWh/100km	16.8	19.0
All Electric Range (AER)	481 km	430 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.		
Performance	DYNAMIQ 2WD	TECHNIQ AWD
Maximum speed (km/h)	185	
0 – 100 km/h (seconds)	7.4	5.2
80 – 120 km/h (seconds)	4.7	3.8
Coefficient of drag (C <sub>d</sub> )	0.288	
Dimensions	DYNAMIQ 2WD	TECHNIQ AWD
Exterior		
Length	4635 mm	
Width	1890 mm	
Height (with shark fin antenna)	1605 (1647) mm	
Wheelbase	3000 mm	
Wheel track - front / rear	1638 / 1647 mm	1628 / 1637 mm
Minimum ground clearance	160 mm	
Interior		
Head room front / rear (with Vision Roof)	1046 / 970 mm	1046 / 970 mm (1034 / 953 mm)
Leg room front / rear	1138 / 1002 mm	
Shoulder room front / rear	1465 / 1470 mm	1465 / 1465 mm
Hip room front / rear	1368 / 1362 mm	
Cargo area rear - VDA (minimum / maximum)	527 L / 1587 L	
Cargo area front - VDA	57 L	24 L
Cargo area glovebox compartment - VDA	9 L	
Total cargo area - VDA (minimum / maximum)	593 / 1653 L	560 / 1620 L
Wheels & tyres	DYNAMIQ 2WD	TECHNIQ AWD
Wheel type	Alloy - aerodynamic design	
Wheel dimensions	19 x 7.5J + 49.5	20 x 8.5J +54.5
Tyre type	Michelin Primacy 4	Michelin Pilot Sport EV
Tyre dimensions	235/55R19 105W	255/45R20 105W
Spare wheel type	Tyre Mobility Kit (TMK)	

Electric vehicle functions	DYNAMIQ 2WD	TECHNIQ AWD
iPedal mode - intelligent one pedal driving mode	•	•
Smart regenerative braking mode 2.0 - traffic & navigation based	•	•
Regenerative braking control - via paddle shifters	•	•
Vehicle to Load (V2L) connection (outside) - 2-way adapter to domestic 3-pin plug output	•	•
Vehicle to Load (V2L) connection (inside) - domestic 3-pin plug output	•	•
Voice notification of charging status (outside) - using external VESS speaker	•	•
Visual notification of charging status (charge port door) - Parametric pixel LED indicator	•	•
Navigation POI - EV charging stations; with auto display when needed	•	•
Trailer Mode - Automatic AER adjustment	•	•
Trailer Mode - HTRAC AWD drive torque distribution	-	•
Next departure function - set the intended departure time for the scheduled charging	•	•
Scheduled charging function - set the intended start and end time for charging; Off-peak tariffs prioritised/Off-peak tariffs only	•	•
Target temperature function - set the intended climate control temperature for next departure	•	•
EV charge transfer function - set the minimum battery % the V2L automatically discharges down to	•	•
Charging limit function - set the defined battery charging limit for AC/DC charging	•	•
Charging current function - set the defined battery charging current limit for AC charging	•	•
Utility mode function - uses the high voltage battery to power vehicle electronics	•	•
Eco mode climate control function - increases driving range in Eco drive mode	•	•
Driver only climate control fan function - increases driving range	•	•
Heat off climate control function - increases driving range	•	•
Driving convenience	DYNAMIQ 2WD	TECHNIQ AWD
Auto Hold function	•	•
Electronic Parking Brake (EPB)	•	•
Integrated Memory System (IMS), 2 driver positions - including;		
Driver's seat (excluding lumbar) & exterior rear view mirror position	-	•
Easy Access function - driver's seat	-	•
One touch turn signal - 3, 5, or 7 flashes	•	•
Rain sensing aero wipers	•	•
Remote Start - via Smart Key	•	•
Reverse parking aid function - exterior mirrors	-	•
Smart key with push button start	•	•
Steering wheel mounted controls - audio, favourite, phone, voice control, lane safety, smart cruise control, speed limiter, trip computer & drive mode	•	•
Tilt & telescopic steering column	•	•
Personalised User Profile selection - 3 custom profiles; Driver 1, Driver 2 & Guest	•	•
Driving engagement	DYNAMIQ 2WD	TECHNIQ AWD
Brake Mode - 2 settings; Normal & Sport	•	•
Drive Mode - 4 settings; Eco, Normal, Sport, Snow	•	•
Shift By Wire (SBW), electronic gear shift control	•	•
Active safety	DYNAMIQ 2WD	TECHNIQ AWD
Electronic Stability Control (ESC) including;		
Anti-lock Braking System (ABS)		
Brake Assist System (BAS)		
Electronic Brakeforce Distribution (EBD)		
Hill-start Assist Control (HAC)	•	•
Multi Collision-Avoidance Brake (MCB)		
Traction Control System (TCS)		
Vehicle Stability Management (VSM)		

Active safety	DYNAMIQ 2WD	TECHNIQ AWD
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)		
Lane Change Oncoming / Side functions (FCA - LO/LS)		
Evasive Steering Assist function (FCA - w/ ESA)		
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) - 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		
Parking Distance Warning function w/ dynamic guidelines & guidance display		
Car wash entering mode		
Tailgate guide-line mode		
Trailer connection mode		
Other features		
Emergency Stop Signal (ESS)	•	•
Steering wheel with Haptic feedback - SmartSense™ functions	•	•
Manual Speed Limit Assist (MSLA)	•	•
Parking Distance Warning - Forward/Reverse (PDW-F/R) - 6 sensors front & rear with guidance display	•	•
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	•	•
Virtual Engine Sound System (VESS) - external sound notification for pedestrians	•	•
<b>Passive safety</b>	<b>DYNAMIQ 2WD</b>	<b>TECHNIQ AWD</b>
Airbags		
Front airbags - driver & front passenger	•	•
Front centre side airbag	•	•
Side (thorax & pelvis) airbags - driver & front passenger	•	•
Side curtain airbags	•	•
Doors		
Impact sensing auto door unlock	•	•
Electronic child safety lock - rear doors & windows	•	•
Seatbelts		
Pretensioners & height adjustable upper mounts on front seat belts	•	•
Pretensioners on rear outboard seat belts	•	•
Load limiters - front & 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	DYNAMIQ 2WD	TECHNIQ AWD
Security system		
Active lock/unlock operation (user configurable)	•	•
Anti-theft alarm	•	•
Central locking	•	•
Engine immobiliser	•	•
Remotes		
Smart key remote - 2x	•	•
Other		
Capacitive touch front door handles - lock / unlock function	•	•
Multimedia system	DYNAMIQ 2WD	TECHNIQ AWD
Audio/media sources		
AM radio	•	•
FM / Digital radio (DAB+)	•	•
Apple CarPlay <sup>1</sup> & Android Auto <sup>2</sup> compatibility	•	•
Bluetooth audio streaming	•	•
Sounds of Nature - 6 pre-set sounds	•	•
USB multimedia input - music/video	•	•
Functions		
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 with blue light filter	•	•
Radio Data System (RDS)	•	•
Satellite navigation	•	•
Live traffic updates (RDS-TMC)	•	•
Voice memo function - up to 70 minutes recording time	•	•
Speakers		
BOSE™ Premium audio system - 8 speakers with external amplifier	•	•
Other features		
Colour theme layout - White or Black	•	•
EV vehicle functions display	•	•
Quiet Mode function - Audio volume limited to '25' in 1st row and muted in rear	•	•
Occupant comfort & convenience	DYNAMIQ 2WD	TECHNIQ AWD
Upholstery/trim		
Leather <sup>3</sup> appointed seats	•	•
Leather <sup>3</sup> appointed steering wheel	•	•
Leather <sup>3</sup> appointed centre console armrest w/real stitching	•	•
Leather <sup>3</sup> appointed door armrests w/cloth inserts & real stitching	•	•
Front seats		
Driver's seat - power adjustable - 10-way (including 2-way lumbar support)	•	-
Driver's seat - power adjustable - 12-way (including 2-way lumbar support & 2-way calf support)	-	•
Driver's seat - 'Relaxion' comfort seat function (zero gravity position)	-	•
Driver's seat - Seat position change alert - displayed in multimedia system screen	-	•
Passenger's seat - power adjustable - 10-way (including 2-way lumbar support)	•	-
Passenger's seat - power adjustable - 12-way (including 2-way lumbar support & 2-way calf support)	-	•
Passenger's seat - 'Relaxion' comfort seat function (zero gravity position)	-	•
Passenger's seat - centre side control switch, including;		
Driver/rear passenger control for 2nd row slide (individual left & right)	-	•
One-touch relaxation seat control		
Integrated Memory System (IMS) - passenger seat via multimedia screen	-	•
Adjustable centre console (2-way sliding)	•	•
2 x USB power outlet - centre console	•	•
1 x 12V power outlet - front console	•	•
Wireless charging pad 15w (Qi standard) <sup>4</sup> with cooling function - centre console	•	•
Grip handles - 1x (passenger)	•	•

Occupant comfort & convenience	DYNAMIQ 2WD	TECHNIQ AWD
Rear seats		
Centre fold down armrest	•	•
Grip handles - 2x	•	•
2 x USB power outlet - rear of centre console	•	•
Manual backrest recline function - 2-way (60:40)	•	•
Manual seat base slide function - 2-way (60:40)	•	-
Power seat base slide function - 2-way (60:40)	-	•
Integrated Memory System (IMS) - rear seats via multimedia screen (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-pinching safety feature - front windows	•	•
Convenience opening/closing function with Smart Key remote - front windows	•	•
Rear door window sunshades	-	•
Sun visors (extendable) - driver and front passenger	•	•
Doors/tailgate		
Luggage area power outlet - 1 x 12V outlet	•	•
Power charge flap - open/close; with Smart Key control	•	•
Power retractable door handles - with approach open & unlock function	•	•
Power Tailgate - open/close; with adjustable height and speed	•	•
Smart Tailgate function - hands-free opening	•	•
Other		
Instrument panel display board - with magnetic attachment capability	•	•
Vision & sight	DYNAMIQ 2WD	TECHNIQ AWD
Interior mirror		
Electro-Chromatic Mirror (ECM) - auto-dimming	•	•
Exterior mirrors		
Heated	•	•
Power adjustable	•	•
Power folding with auto fold function	•	•
Instrument cluster		
Supervision cluster including;		
12.3" colour TFT-LCD full screen display		
Digital instrumentation with Driving Assist, Utility (Trip Computer), Turn By Turn & Powertrain view modes	•	•
3 x display themes; Eco/Snow, Normal & Sport with torque gauge		
Colour theme layout - White or Black		
Head-Up-Display		
Augmented Reality Display Mode functions:		
Turn-by-turn navigation display		
Driving convenience information		
Blind-spot safety information		
Speedometer display	•	•
Normal Display Mode functions:		
Turn-by-turn navigation display		
Driving convenience information		
Blind-spot safety information		
Multimedia information display		
Speedometer display		
Ventilation & heating	DYNAMIQ 2WD	TECHNIQ AWD
Air conditioning		
Climate control - dual zone including;		
Touch type control panel		
Auto defog function		
Auto dehumidify function		
Smart vent 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		

Ventilation & heating	DYNAMIQ 2WD	TECHNIQ AWD
Front seats		
Heated front seats - 3 stage	•	•
Air ventilated front seats - 3 stage	-	•
Rear seats		
Heated rear outboard seats - 2 stage	-	•
Other features		
Auto Comfort Control -auto activation of driver's heated / ventilated seat & heated steering wheel	-	•
Heated rear windshield	•	•
Heated steering wheel	-	•
PTC Heater - electric heater	•	•
Exterior styling	DYNAMIQ 2WD	TECHNIQ AWD
Front		
Headlights - black bezel with Parametric Pixel graphics	•	•
Front upper middle trim - gloss black with Parametric Pixel graphics	•	•
Front bumper upper trim - satin chrome	•	•
Front bumper lower middle trim - gloss black	•	•
Front bumper lower trim - satin chrome	•	•
Front bumper cladding - liquid silver	•	•
Front bumper skid plate - liquid silver	•	•
Rear		
Taillights - black bezel with parametric pixel graphics	•	•
Rear bumper/tailgate upper trim - satin chrome	•	•
Rear bumper upper middle side trims & skid plate surround - gloss black	•	•
Rear bumper lower middle side trims - satin chrome	•	•
Rear bumper cladding - liquid silver	•	•
Rear bumper skid plate - liquid silver	•	•
Roof spoiler - tailgate mounted aero type;	•	•
Body colour with piano black wind deflector		
Side		
Door frame, beltline moulding & mirror base/lower cover/front surround - gloss black	•	•
Flush type door handle	•	•
Middle upper side trim insert - gloss black	•	•
Middle lower side trim insert - satin chrome	•	•
Side cladding - liquid silver	•	•
Wheels		
Multi-spoke gloss black / machined finish aero wheel - with Parametric Dynamics pattern	•	•
Other features		
Roof aerial (shark fin type) - gloss black	•	•
Interior styling	DYNAMIQ 2WD	TECHNIQ AWD
Treatments		
Alloy effect finish (dashboard, door handles/speakers, cabin switches, wiper/light/transmission controls, air vents, centre console & overhead light console)	•	•
Gloss black - hybrid-touch steering wheel buttons, drive mode button, EV start/stop button, electronic park brake button & auto hold button	•	•
Interior styling	DYNAMIQ 2WD	TECHNIQ AWD
Materials		
Pedals - alloy	•	•
Door scuff plates - stainless steel	•	•
Door trim insert garnish - paperette w/Parametric Pixel graphics	•	•
Headlining - cloth knit melange look	•	•
Design		
Steering wheel - EV exclusive with flat bottom & Parametric Pixel graphics	•	•

Lighting	DYNAMIQ 2WD	TECHNIQ AWD
<b>Exterior lighting - front</b>		
Headlight functions - automatic dusk sensing with escort and welcome	•	•
Headlight type - Dual projector beam LED - low/high beam	•	•
Positioning lights - LED w/Parametric Pixel graphics	•	•
Daytime Running Lights (DRL) - LED w/Parametric Pixel graphics	•	•
Turn signal lights - LED w/Parametric Pixel graphics	•	•
Hidden LED light guide - upper bumper trim	•	•
<b>Exterior lighting - rear</b>		
Taillights - Full LED w/Parametric Pixel graphics	•	•
Positioning lights - LED	•	•
LED light guide - full width	•	•
Brake lights - LED	•	•
Turn signal lights - LED	•	•
Reverse lights - LED	•	•
Fog lights - LED	•	•
License plate lights - LED	•	•
High mount stop light (HMSL) - LED	•	•
<b>Exterior lighting - others</b>		
Side repeaters - LED w/Parametric Pixel graphics, integrated into side mirrors	•	•
Front cargo area light - LED	•	•
Manual headlight levelling function - 4 levels; 0, 1, 2, & 3	•	•
<b>Interior lighting - front</b>		
Map lights with touch type operation - LED	•	•
Mood light - LED	•	•
Room lights including map lights & mood light - LED	•	•
Glovebox compartment light - LED	•	•
Vanity mirror lights	•	•
<b>Interior lighting - rear</b>		
Centre room light - LED	•	•
Room lights and map lights - LED (outboard)	-	O
<b>Interior lighting - others</b>		
Interior Ambient lighting - LED: door armrests & speaker surrounds, including;	•	•
Adjustable colours & brightness; 10 pre-set and up to 64 colour choices		
Rear cargo area light	•	•
Interior light fade-out delay	•	•
<b>Storage solutions</b>		
<b>Front seats</b>		
Centre console w/main & armrest compartment storage	•	•
Cup holders including phone holder - centre console	•	•
Front console storage compartment	•	•
Glovebox compartment - sliding type	•	•
Ticket holders - sun visors (driver and front passenger)	•	•
<b>Rear seats</b>		
Centre console rear storage compartment	•	•
Coat hooks - 1x	•	•
Cup holders including phone holder - armrest	•	•
Front seat back pockets - net type	•	•
Split folding backrest - 60:40	•	•
<b>Boot/luggage area</b>		
Cargo cover - dual position, retractable	•	•
Luggage board - foldable	•	•
Luggage compartment - 4x tie down hooks	•	•
Luggage net	•	•
Underfloor storage compartment	•	•
<b>Bonnet</b>		
Front cargo compartment	•	•
<b>Others</b>		
Doors - map pockets and bottle holders (front and rear)	•	•
<b>Options</b>		
Vision roof - fixed glass roof panel with power sunshade	-	O

**Notes:**

- Apple CarPlay requires iPhone 5 or subsequent model (lightning cable) in order to operate.
- Android Auto requires a device with Android 5.0 operating system or subsequent version in order to operate.
- Finishes specified as leather 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 adapter in order to operate.

**Key:**

- = Feature included as standard on trim
- = Feature is not available on trim