

# IONIQ 5







# IONIQ

## Power your world.

Breathtakingly beautiful and amazingly advanced, the IONIQ 5 is redefining the way people look at electric cars. Elegantly combining innovative concept car design with amazing performance, environmentally friendly materials, and an astonishing array of smart tech – this all-electric midsize CUV is a game changer. Equipped with an 800-volt battery system for ultra-fast charging and delivering a driving range of up to 481 km – it has been created to take you farther – with faster charging and sleeker style.



# Distinctive. Iconic. Pure.

The IONIQ 5's pure design is a refreshing take on electric vehicles, stripping away complexity to celebrate clean lines and minimalistic structures. Smooth and seamless with a strong focus on minimalism, Hyundai's first-ever clamshell hood spans the entire width of the car – minimizing panel gaps for a clean, high-tech look. The crown jewels of the iconic front-end presence are the distinctive LED headlamps with their 256 Parametric Pixels – unique jewel-like design elements that will feature on the exterior of all future IONIQ models.







# Concept car design in series.

The sporty sensuality of the IONIQ 5 is homage to Hyundai's design heritage, reimagined for the future. It is inspired by the futuristic design of the Concept 45 EV – unveiled at the 2019 International Motor Show (IAA) in Frankfurt – which in turn pays homage to one of the most iconic vehicles in Hyundai's history: the 1974 Pony Coupe Concept. Seen from the side, we see a futuristic reinterpretation of the Pony's fast-back style and short overhang. Precisely modelled surfaces and shapes give the IONIQ 5 an angular, almost geometric appearance. Taunt and perfectly proportioned, the side graphics are highlighted by auto flush door handles that enhance the clean look and aerodynamics.



## Designed for beauty, but engineered for efficiency.



As eye-catching as it is, the IONIQ 5 has been also carefully engineered for enhanced aerodynamics – leading to a phenomenal 0.288 drag coefficient, one of the best in its class. Aerodynamic components like active front air flaps, a full under-body covering and the rear spoiler minimize drag and maximize performance. The spoiler's hidden holes induce flow pressure to the rear glass and improve the clean flow characteristics of the wake. Naturally all this aerodynamic efficiency helps you go farther on every single charge, but it also makes every ride more pleasant – delivering optimal quietness through wind noise reduction.





# Design details.

IONIQ 5's progressive design represents a departure from past norms, exploring a new design freedom offered with a dedicated BEV platform. This is the redefinition of timeless design, a theme that will expand as the IONIQ line-up grows.



Front bumper with active air flap.

The front bumper is defined by the eye-catching V-shape, which emphasizes the kinetic cube LED headlamps. The active air flap integrated above the skid plate enhances the high-tech look in the front – as well as improving energy efficiency when closed – and cooling vehicle parts as needed when open.



Parametric Pixels rear light signature.

The innovative LED lighting design can be found in the back as well. The evocative design of the rear bumper and hatch harmonises powerfully with the rectangular Parametric Pixels rear light signature and slice rear reflectors.



Aero-optimised 20" alloy wheels.

The exclusive aero-optimized wheels echo the Parametric Pixel design theme, harmonizing beautifully with the sleek profile. They are offered in a super-sized 20" diameter, the largest rims ever fitted to a Hyundai EV.







## Live, drive, work, relax.

Inside the IONIQ 5, the lines between living space and moving space are being blurred. Our new, dedicated EV platform gave us the opportunity to re-create the interior as a whole new in-car experience. A larger flat floor, highly adjustable front seats that can be fully reclined, and a flexible centre console that can be moved throughout the cabin, all make for an extraordinary experience – and maximize the sense of interior openness. What's more, environmentally friendly materials have been used throughout the cabin. The seats are clad in an eco-processed leather that is dyed and treated with plant oil extractions from flaxseed. Raw materials extracted from sugar cane are used on the headliner, carpet and seat covers – a solution that is both recyclable and beautiful. Other soft furnishings consist of textiles derived from wool and poly yarns, as well as material woven from fibres made from recycled used PET plastic bottles. Surfaces such as the dashboard, switches, steering wheel and door panels are coated in a polyurethane bio paint composed of oils from rape flowers and corn – another contribution to sustainability in our manufacturing processes.





# SUV versatility for electric mobility.

Designed to fit everything you and your busy life can throw at it, the highly-versatile IONIQ 5 offers plenty of room for both passengers and cargo. IONIQ 5's 3000-mm wheelbase offers the spaciousness of a large passenger car in a mid-size CUV – providing you with an outstanding trunk capacity of 527 litres. And with the 60:40 foldable seats both folded down, you get almost 1,600 litres of cargo space – perfect for weekend escapes or transporting bulky items. And if that's still not enough: IONIQ 5 also gives you the capacity to tow a trailer weighing up to 1,600 kg. We also took the space where the petrol engine would normally be located – and made some extra space for your stuff. A second boot in the front provides up to 57 litres of additional cargo space. So, no matter where life's adventures take you, IONIQ 5 is there for you every step of the way, pushing the envelope of an electric mobility lifestyle.







Technologically advanced, eco-friendly and plugged into today's customers' needs, the IONIQ 5 is masterful integration of digital and analogue technologies. In the driver's space, the past, present and future have been brought together to create a harmoniously pleasant driving experience. The centrepiece of the sleek modular dashboard is the extra wide integrated display, which combines a 12.25" full-touch infotainment screen and a 12.25" digital cluster for a high tech look that comes standard. The screens also display a wide range of EV-related information while driving, such as battery status and nearby charging stations. And for a touch of low-tech style, there's also an old school magnetic board to left of the digital cluster where you can hang up notes or pictures with mini-magnets. Everything else you need is also right at your fingertips. The elegant rotary type shift-by-wire controller is located on the steering column, and you can easily adjust the level of regenerative braking through the paddle shifters mounted on the steering wheel.



# Technology highlights.

The IONIQ 5 is redefining the way people see electric vehicles, providing a truly new experience with its innovative use of interior space and cutting-edge smart tech.



## Wireless charging.

There's high-speed wireless charger port in the moveable centre console: the Universal Island – that can slide back as much as 140 mm, which means second-row passengers can also enjoy access to the cup holders, USB ports and phone charger. The 15-watt unit features a cooling function that prevents smartphone overheating for added safety.



## Vehicle-to-Load technology (V2L).

With IONIQ 5, you can power any device and charge electric bicycles, scooters or camping equipment – on the move or at your favourite outdoor location. There's an on-board 110V/220V plug located by the second-row seats. And using a converter that plugs into the bidirectional exterior charging port, you can power devices up to 3.6 kW even when the vehicle is turned off.



## Premium Bose sound system.

The Bose premium sound system features 7 speakers plus a subwoofer, all optimally tuned by Bose engineers to deliver a rich and immersive acoustic experience.



## Apple CarPlay™ and Android Auto™.

You can plug in your smartphone and mirror your apps and music up onto the big 12.25" infotainment touchscreen. Apple CarPlay™ is a registered trademark of Apple Inc. Android Auto™ is a registered trademark of Google Inc.

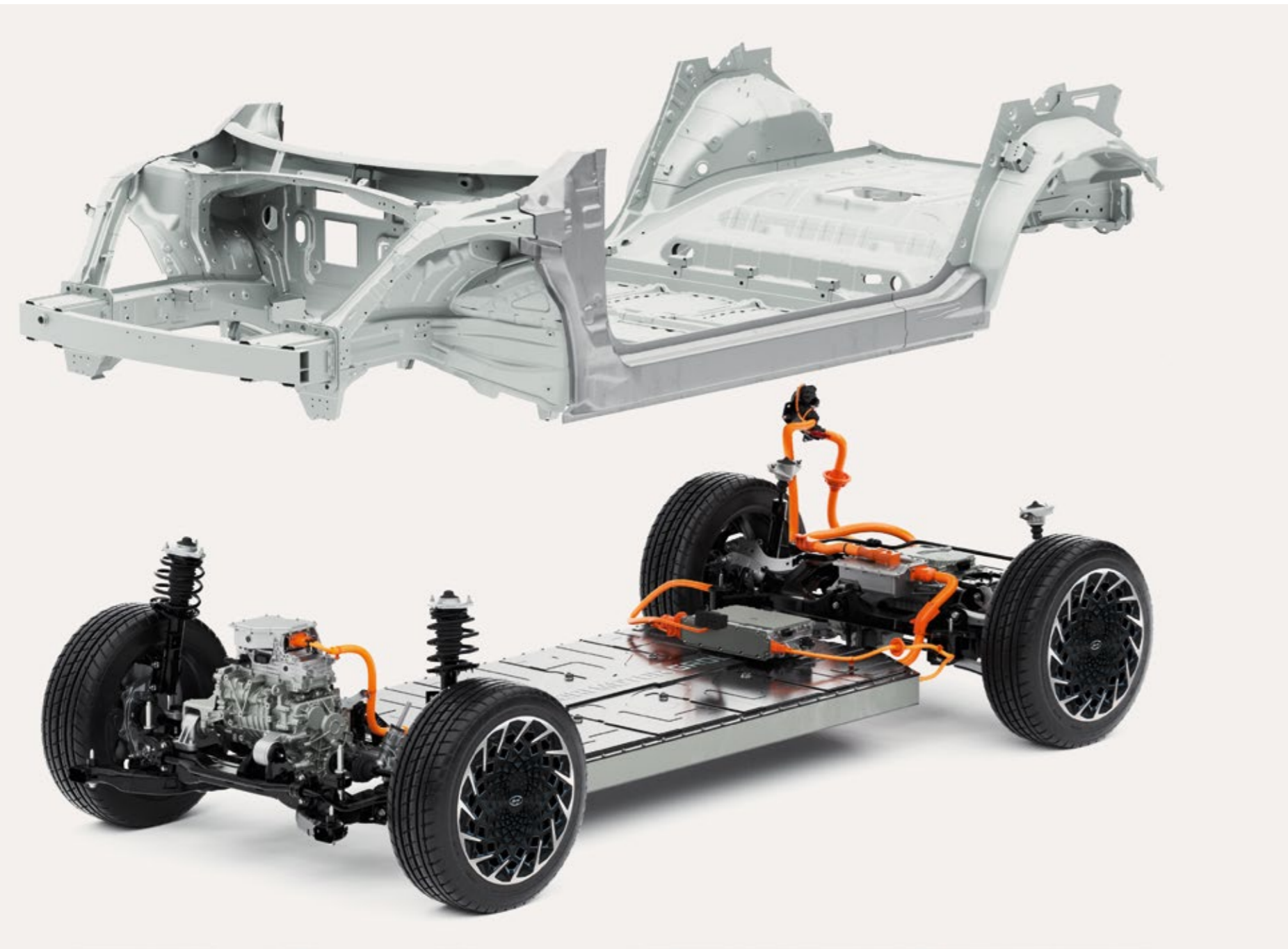


## Next level electric performance.

Elegantly combining amazing performance with an astonishing array of smart tech – and delivering a driving range of up to 481 km – this all-electric midsize CUV is a game changer. Depending on your mobility needs and performance wants, IONIQ 5 is available with a range of configurations. Choose from two battery pack options: 58 kWh (Standard Range) or 72.6 kWh (Long Range). Furthermore, you can choose an all-wheel drive version with dual electric motors or a rear-wheel drive version with a single electric motor. But no matter what configuration you choose, the IONIQ 5 delivers sporty acceleration: going from 0 to 100 km/h in just 5.2 seconds in the all-wheel drive version – and 7.4 seconds in the rear-wheel drive version with the 72.6 kWh battery. Both deliver a top speed of 185 km/h. Available with Hyundai's signature all-wheel drive system HTRAC.

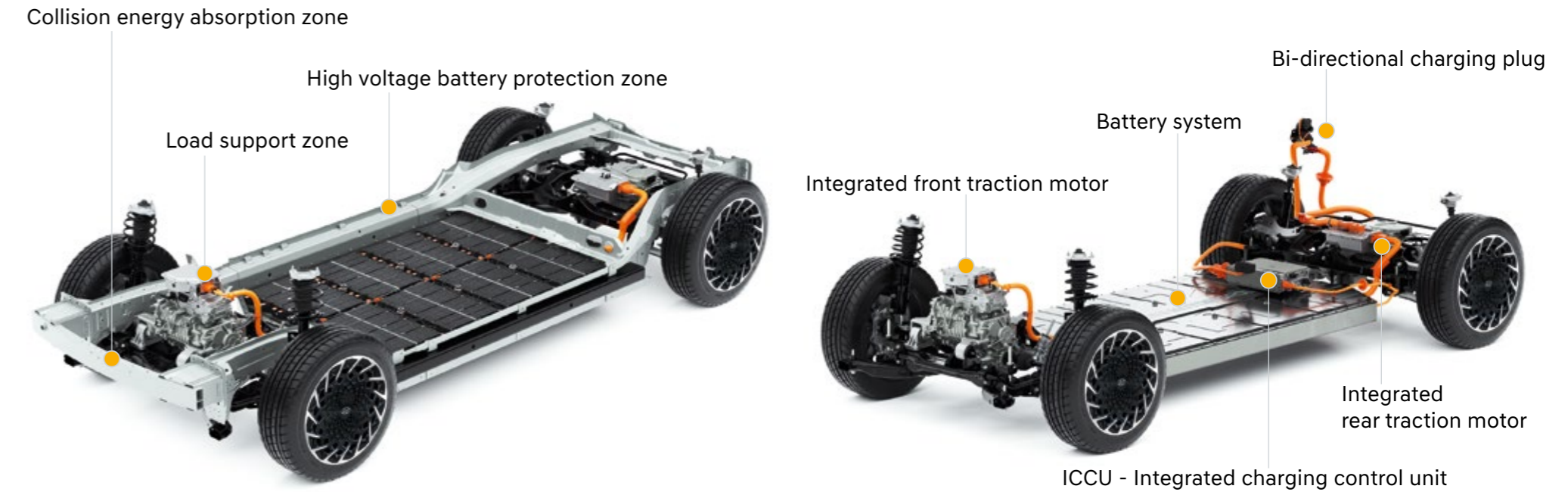






# Leading the charge into the electric era with E-GMP.

IONIQ 5 is the first vehicle built on Hyundai's new Electric-Global Modular Platform (E-GMP). Created with proprietary technologies developed by Hyundai, this dedicated battery electric vehicle platform enables faster charging, increased driving range, more interior space and better handling. The battery pack's position within the wheelbase ensures ideal weight distribution between the front and rear and a low centre of gravity for improved handling performance. Installing the battery under the floor pan also eliminates the centre tunnel, which results in a perfectly flat floor. That in turn increases leg room and enhances the feeling of openness and roominess throughout.



The multi-frame structure and new safety technologies work in unison to protect the passengers and the battery. A collision energy absorption zone disperses crash forces along energy load paths in the crush zone whose structures are designed to deform in a predictable manner, thus mitigating impact energy while protecting cabin occupants and the 800V battery. The load support zone in the front of the dashboard includes an evasion structure to minimize impact energy on the PE system and battery. The high voltage battery that is incorporated into the vehicle floor is shielded by an ultra-high strength steel support structure to improve collision safety.

Hyundai's new Power Electrical System (PE) serves as the industry's new benchmark for efficiency. Composed of the drive motor and decelerator, inverter and battery, the PE system is the EV's core – replacing the conventional internal combustion engine so to speak. Highlights of this next-generation system include the advanced integration of the motor, decelerator and inverter into a single unit as well as a standardized battery module. This integration extends the driving range and raises system efficiency to industry-leading standards. The innovative Integrated Charging Control Unit (ICCU) utilises high voltage Silicon Carbide to support 800V charging. It also makes V2L charging possible.

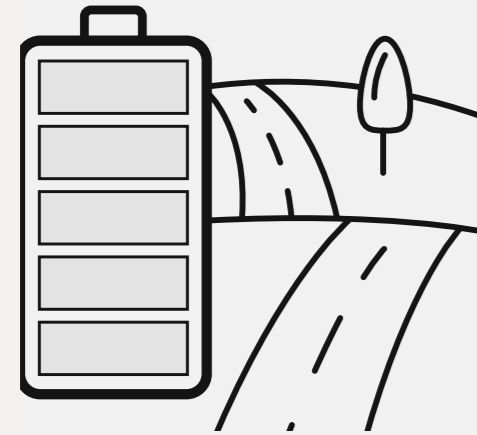


# Batteries/Range/Performance.

Pick your power and preferred range. The IONIQ 5 is available with two battery options: 58 kWh (Standard Range) or 72.6 kWh (Long Range). Furthermore, you can choose an all-wheel drive version (AWD) with dual electric motors or a rear-wheel drive version (2WD) with a single electric motor. The 72.6 kWh battery delivers 217 PS (160 kW) in 2WD and 305 PS (225 kW) in AWD. The 58 kWh battery provides 170 PS (125 kW) in 2WD and 235 PS (173 kW) in AWD.

\*Range according to WLTP cycle. Driving range may vary slightly depending on road conditions, your driving style and the temperature. It is also is dependent on the type of tyres equipped. Technical data not final.

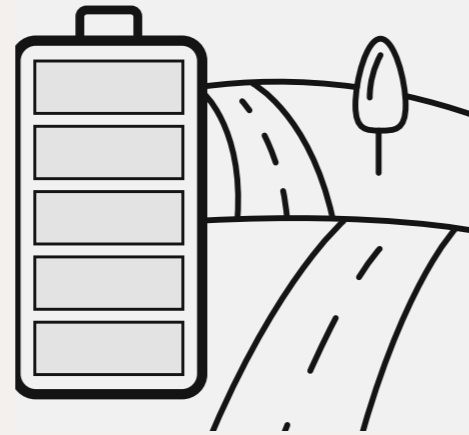
72.6 kWh



481 km\*

\*2WD = 481 km / AWD = 460 km

58.0 kWh



384 km\*

\*2WD = 384 km / AWD = 360 km

# Regenerative braking.

Equipped with cutting-edge technology for intelligent driving, the IONIQ 5's regenerative braking system charges the battery while driving by using the electric motor to slow the vehicle. You can control the level of energy that the system regenerates and stores in the battery by adjusting the level of regenerative braking with the steering wheel-mounted paddle shifters. The higher the level, the more the car slows and charges the battery when you take your foot off the accelerator. Holding the left paddle shifter activates maximum strength of regenerative braking and you can slow the car to a complete stop in this way without having to press the conventional brake pedal. Additionally, the Smart Regenerative Braking System utilizes the front radar sensors to automatically control the level of regenerative braking to react to the traffic ahead, slowing you down accordingly. There is also a one pedal mode, which allows acceleration/deceleration/stopping using only the gas pedal. Simply tap on left paddle shifter to enter fourth stage to enable the one pedal function and the regenerative braking stage symbol changes to the one pedal symbol.














## Ultra-fast charging / Fast charging.


Enjoy the speed and convenience of best-in-class charging times. No time to wait? Don't worry, you can add 100 km of range in 5 minutes at an ultra-fast charging station – and charge from 10 to 80% in just 18 minutes! Hyundai's world's-first patented technology supports both 400V and 800V charging infrastructure without the need for additional components or adapters. Which means you can get in and out of rapid charging stations faster, because you have the flexibility of using a different charger if one type is occupied.



 **72.6 kWh Long Range Battery (Ultra-fast charging)**  
350 kW DC station: Charging time 18 minutes from 10 to 80%

 **58 kWh Standard Range Battery (Ultra-fast charging)**  
350 kW DC station: Charging time 18 minutes from 10 to 80%


 **72.6 kWh Long Range Battery (Fast charging)**  
50 kW DC station: Charging time 56 min 30 sec from 10 to 80%

 **58 kWh Standard Range Battery (Fast charging)**  
50 kW DC station: Charging time 45 min 45 sec from 10 to 80%



# Home charging / AC charging.

Depending on your grid connection at home or the type of charging station you have access to, the IONIQ 5 gives you a range of flexible charging possibilities aside from ultra-fast DC charging. You can charge at home overnight to take advantage of off-peak rates or top up at the grocery store when you're shopping – the powerful 11 kW on-board charger gives you a range of flexible possibilities.

 The charging time for the 72.6 kWh Battery is 6 hours 6 minutes. And for the 58 kWh battery, charging time is 5 hours. (EU 3-phase 230V)



# Vehicle-to-Load technology.

Simply plug in your laptop or electric bike to charge them, just like at home. IONIQ 5's innovative Vehicle-to-Load technology (V2L) lets you make the most of sustainable electric mobility. There's an on-board 110V/220V electrical socket located in the backseat which allows you to freely use or charge any electric device – on the move or on location. And if you're out at the beach or camping, you can charge your electric scooters or run your camping equipment using a converter that plugs into the bidirectional exterior charging port. The outside port provides up to 3.6 kW power even when the vehicle is turned off.









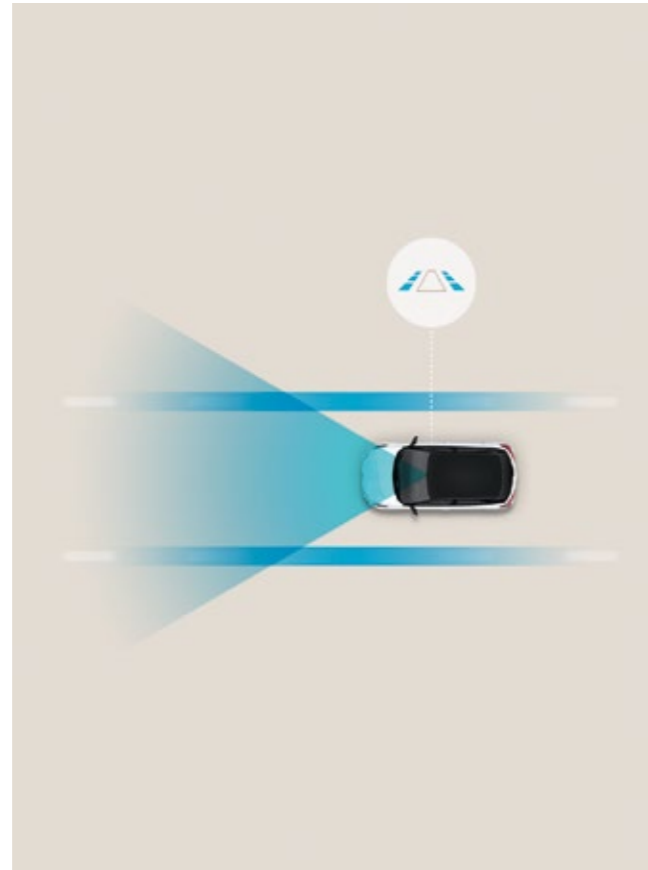
# Hyundai Smart Sense.

Enjoy a maximum of safety and convenience with the highest level of safety and driver assistance features in the Hyundai line-up. With Hyundai Smart Sense, our cutting-edge Advanced Driver Assistance Systems, the IONIQ 5 has been equipped with the very latest safety and driving assist features for added peace of mind. It is also the first Hyundai to feature Level 2 autonomous safety technology with Highway Driving Assist II, which controls speed and distance and assists you when changing lanes and with collision avoidance assist from a near cut-in vehicle.

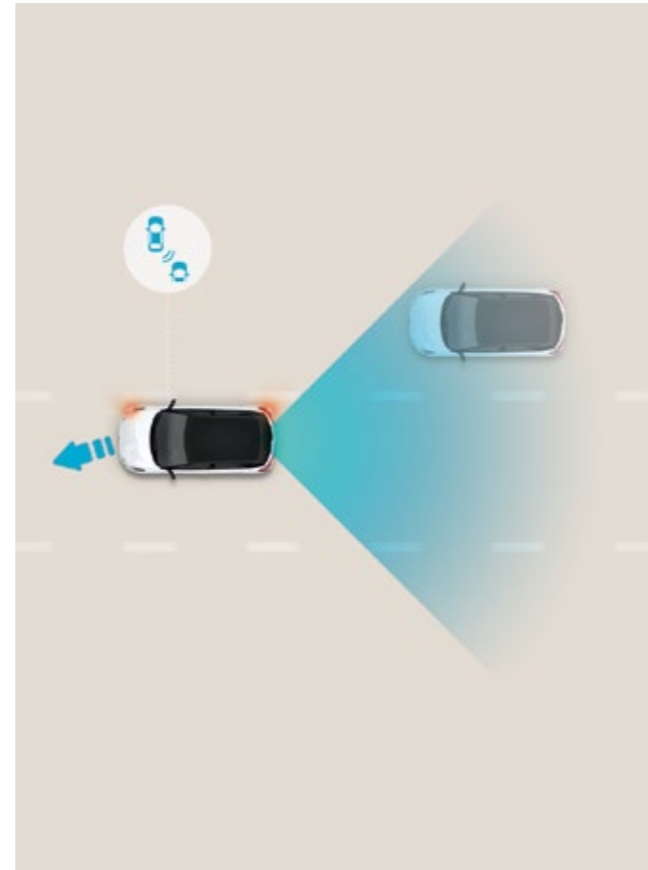


**Forward Collision-Avoidance Assist (FCA).**  
Stops your car fast, even if you're distracted. FCA alerts you to slowing or stopped vehicles as well as cyclists and pedestrians in your path – and automatically applies full braking power if you don't react in time.

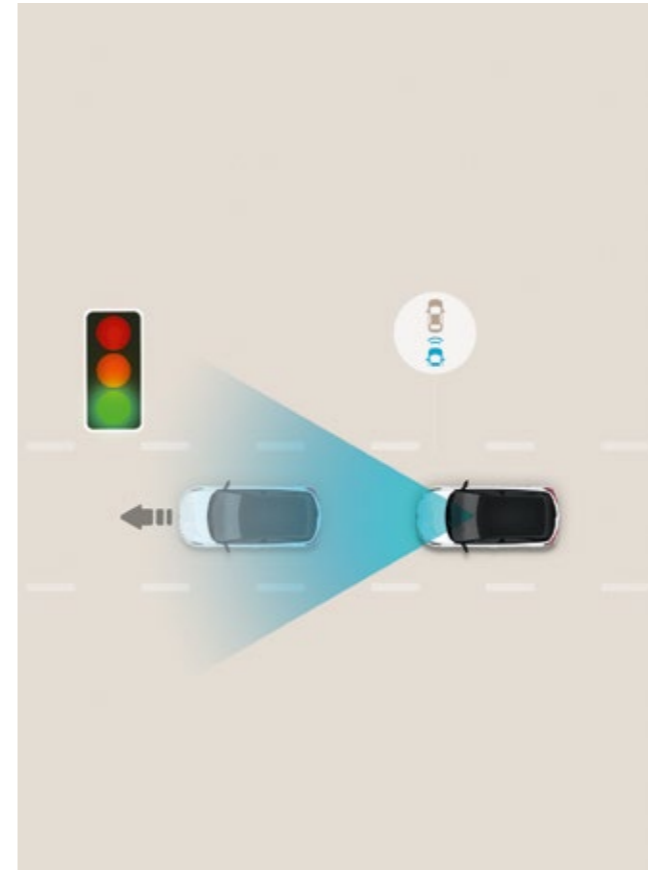
**Lane Keeping Assist (LKA).**  
Helps keep you on the straight and narrow. LKA sends visual and audible alerts if you start drifting out of your lane without signalling and initiates subtle corrective steering assistance to steer you back.



**Lane Following Assist (LFA).**  
Keeps you centred and safer. When activated, it keeps the vehicle centred in its lane at speeds between 0 and 185 kilometres per hour on highways and city streets.



**Blind Spot Collision-Avoidance Assist (BCA).**  
Delivering more safety in dense traffic, BCA will warn you and automatically apply the left or right brakes and control the steering when a vehicle is detected in your blind spot and you begin to change lanes.



**Leading Vehicle Departure Alert (LVDA).**  
This clever feature for city driving alerts the driver when the vehicle in front departs from an idle state, like at a stoplight or in a traffic jam.



**Rear Cross-Traffic Collision-Avoidance Assist (RCCA).**  
Perfect for parking lots. When reversing out of areas with low visibility, the system not only warns the driver if vehicles approach from the side – it also applies the brakes automatically.



**Driver Attention Warning (DAW).**  
When a pattern of fatigue or distraction is identified, the system gets your attention with an alert and pop-up message suggesting a break.

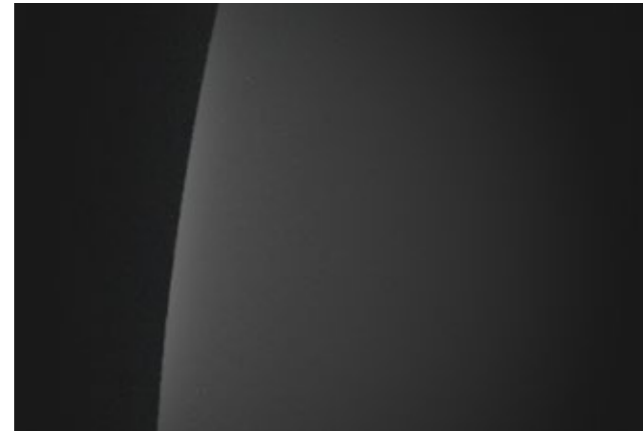


# Exterior colours and wheels.

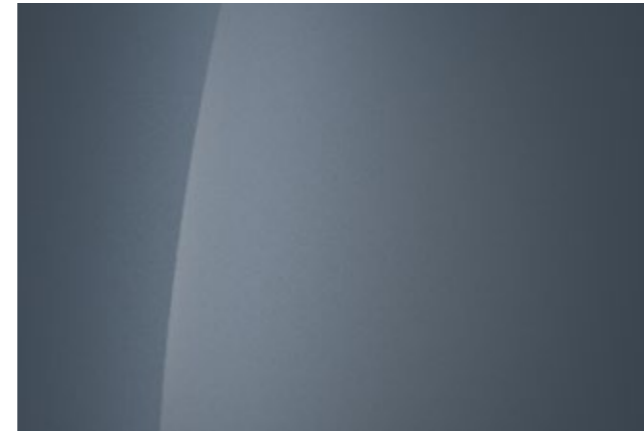
Choose from nine exterior colours, including five new nature-inspired hues exclusive to the IONIQ 5. Two options are available with a matte finish. The aero-optimized alloy wheels have been designed exclusively for the IONIQ 5. They echo the design theme, exuding an exclusive electric flair and harmonize beautifully with the sleek profile. Choose from a 19" and 20" version.



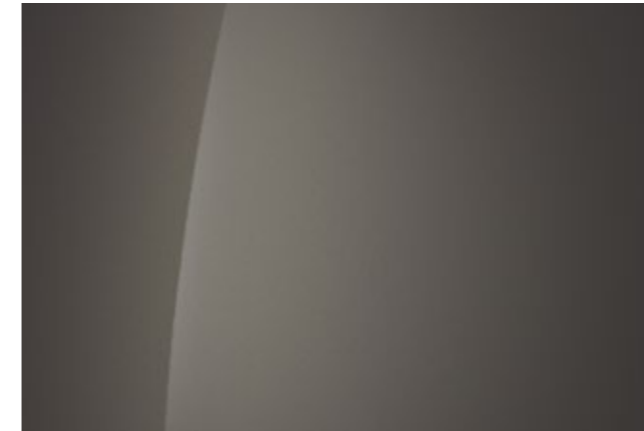
Atlas White



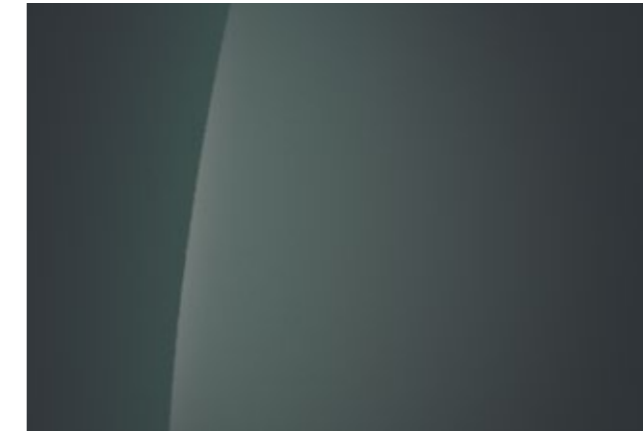
Phantom Black Pearl



Lucid Blue Pearl



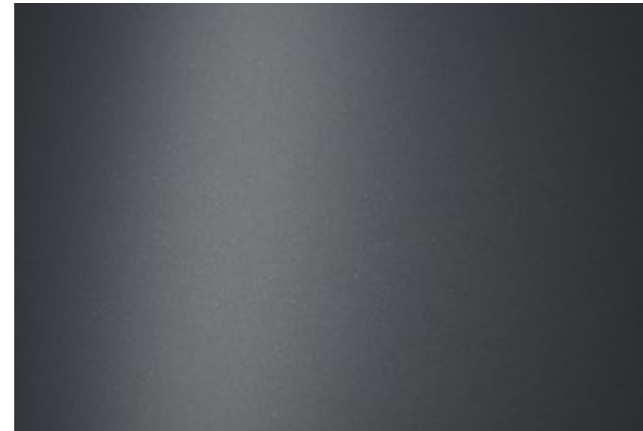
Mystic Olive-Green Pearl



Digital Teal-Green Pearl



Cyber Gray Metallic



Shooting-Star Gray Matte



Gravity Gold Matte



20" alloy wheels



19" alloy wheels



# Interior colours.

Choose from three interior trim options. The base pack includes Black One-Tone and Gray Two-Tone, while the optional colour pack offers Dark Green/Gray.



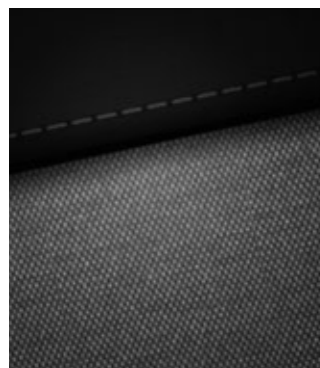
Black One-Tone



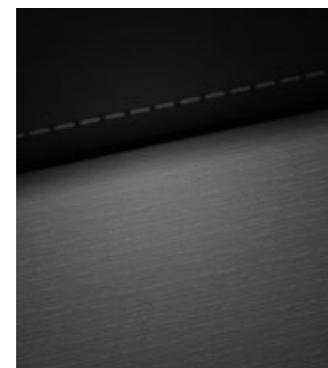
Gray Two-Tone



Dark Green / Gray



Recycled PET Yarn in Black



BIO Pet Woven Cloth Yarn Black



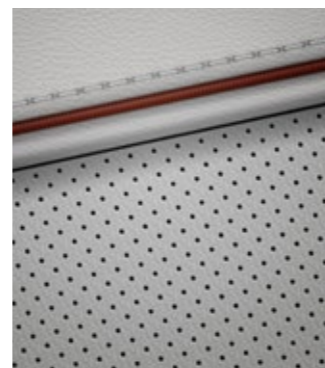
Wool Yarn & Eco Leather in Black



Full Eco Leather in Black



Full Eco Leather in Light Gray



Full Eco Leather in Light Gray with Red Accents

# Specifications and dimensions.

Type	58.0 kWh (Standard Range)		72.6 kWh (Long Range)			
Motor Type	Permanent Magnet Synchronous Motor (PMSM)		Permanent Magnet Synchronous Motor (PMSM)			
	2WD	AWD	2WD	AWD	AWD	AWD
Max. Power (kW)	125	53 + 120	160	70 + 155		
Max. Power (PS)	170	72 + 163	217	95 + 210		
Max. Torque (Nm)	350	255 + 350	350	255 + 350		
Max. Torque (lb-ft)	258	188 + 258	258	188 + 258		
<b>Battery</b>	Lithium-Ion		Lithium-Ion			
Type	Lithium-Ion		Lithium-Ion			
Capacity (kWh)	58.0		72.6			
Power Output (kW)	195		253			
Energy density (kWh/kg)	156.7		160.2			
Voltage (V)	522.7		653.4			
<b>On Board Charger (OBC)</b>	11 (three-phase)		11 (three-phase)			
Max Capacity (kW)	11 (three-phase)		11 (three-phase)			
Output density (kVA/ℓ)	1.28		1.28			
<b>Performance (Single Speed Reduction Gear)</b>	<b>125 kW / 19" Wheel</b>	<b>53 kW + 120 kW / 19" Wheel</b>	<b>160 kW / 19"</b>	<b>160 kW / 20"</b>	<b>70 kW + 155 kW / 19"</b>	<b>70 kW + 155 kW / 20"</b>
Max. Speed (km/h)	185	185	185	185	185	185
Acceleration 0-100 km/h (sec)	8.5	6.1	7.4	7.4	5.2	5.2
<b>CO<sub>2</sub> Emissions / Efficiency / Range</b>	0		0			
CO <sub>2</sub> combined (g/km)	0		0			
Efficiency (Wh/km)	167	181	168	179	177	190
Driving Range*	384 km	360 km	481 km	451 km	460 km	430 km
<b>Charge Time</b>	4 h 59 min		6 h 06 min			
Standard	11 kW OBC (10-100%)	4 h 59 min	6 h 06 min			
Quick Charge	50 kW (10-80%)	45 min 45 sec	56 min 30 sec			
	350 kW (10-80%)	17 min 16 sec	17 min 16 sec			
<b>Weight</b>	1,830 – 1,910		1,910 – 1,990		2,020 – 2,100	
Curb Weight (kg)	1,830 – 1,910		1,910 – 1,990		2,020 – 2,100	
Roof Rack Load (kg)	80		80			

\* Range according to WLTP cycle. Driving range may vary slightly depending on road conditions, your driving style and the temperature. It is also dependent on the type of tyres equipped.



Overall Width  
Wheel Tread



Overall Length  
Wheel Base



Wheel Tread



Overall Height

1,647

Unit : mm  
(20" Wheel)

1,637



# The power to do more.

In the past, cars were often seen as something to get us from A to B. But now with EV specific platforms and technology we can do so much more. And with the IONIQ 5 – the options are endless. Create that outdoor cinema you've always dreamed of on your next camping trip or simply take your office on the road. Thanks to its next level smart tech, you can charge your laptop, electric bikes or any other household appliance you want to take with you on the road. So, whatever it is you want to do: IONIQ 5 is here to power your world.





Dealer stamp

**5** YEAR  
**Unlimited**  
Mileage Warranty

**8** YEAR  
**Battery**  
Warranty

The Hyundai 5-Year Unlimited Mileage Warranty applies only to Hyundai vehicles that have been originally sold by an authorized Hyundai dealer to an end-customer, as set out in the terms and conditions of the warranty booklet. 8 years or 160,000 km warranty on vehicle battery unit. Local terms and conditions apply. Contact your official Hyundai dealer for further information.

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