

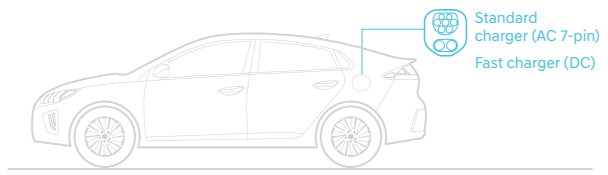
# IONIQ





# Pulsing with energetic, modern appeal.

Stop and reflect on the appeal of the IONIQ electric. Its refined, modern good looks are the first to grab your attention. Admire every curve, every line: It all comes together to convey the smooth flow of power. The proportions are nicely balanced and when you get in closer to look at the details, you'll discover a perfectionism that is deeply satisfying.



## LED DRLs

Count on LEDs for maximum lighting power while drawing a minimal amount of electricity and delivering a longer service life.



## Iconic grille

The highly distinctive grille design is a key detail that helps define the futuristic identity of the IONIQ electric while staying true to the rules of good aerodynamics.



## Charging port

For maximum flexibility, the port offers a choice of recharging modes: Standard or quick charge. Connecting the cable is designed to be safe, secure and simple.





# Effortlessly elegant & Peace of mind.

With its disciplined focus on layout simplicity and good ergonomics, the IONIQ electric interior advances the evolution of trendsetting design. As forward-thinking as the exterior, the interior abounds with fine touches that bring all the key elements to life in fluid, elegant style. Every detail is precisely designed around the philosophy of clean simplicity for a calming, soothing effect on the senses.

### Supervision cluster with 7" color LCD

All vital car system information is presented with astounding legibility and colourful graphic format that only Supervision technology can deliver.



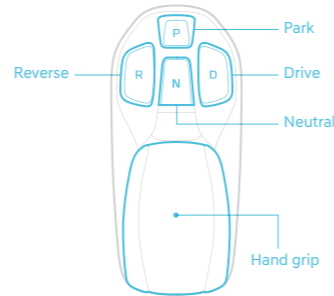
### 8-inch display audio

IONIQ's nerve center does more than keep you on course and help find the nearest recharging station. It offers total smartphone connectivity through a simple-to-use touchscreen interface.



### Electronic gear shift button

Drive-by-wire eliminates mechanical linkages to allow gear shifts with just a click of a button and includes a safety interlocking system. The parking brake is also push button-type.





# Clean and simple engineering.

Pure electric drive opens the door to a whole new world of simplicity. All-electric mobility means a steep reduction in the number of moving parts the main sources of mechanical noise and vibration. The IONIQ electric's 100kW electric motor runs whisper quiet but perhaps best of all, it's inherently simpler, quicker and more reliable than a conventional gas engine while generating absolutely zero emissions. The regenerative braking system captures braking energy that would otherwise be wasted and uses it to top up the battery power reserve. Paddle shifters allow the driver to override the system's default eco drive setting and to summon full power for quicker performance as the mood or the occasion requires.

Up to 311km on a single charge



### Driving range

Up to 311 km of emissions-free driving can easily accommodate the daily commute or even a weekend break. The available driving range at any time is clearly displayed on the supervision display.



### 38.3kWh lithium-ion polymer battery

Featuring multi-stage high-voltage safety systems, the battery's lithium-ion polymer chemistry delivers high energy density for improved driving range. The layout and packaging give IONIQ electric a low centre of gravity that promotes agile handling and a comfortable ride.



### Electric Power Control Unit

EPCU, the brain behind IONIQ electric, is programmed to perform highly complex tasks regulating the various electrical and electronic systems and sub-systems such as the AC/DC Inverter, Low Voltage DC-DC Converter and Vehicle Control Unit.

## High torque at the wheels



The single-speed reduction gear translates the output of the electric motor to deliver exceptionally high torque whenever you need it.



## Permanent-magnet synchronous motor



The high-power electric motor develops 100 kW and a maximum torque of 295 Nm from start-up, for impressive acceleration especially at low speeds.



# What a pleasant surprise.

A pioneering design that marries form with function, IONIQ hybrid's striking, coupé-style silhouette certainly creates a strong first impression. But looking beyond the sleek aerodynamics you will discover subtle design details that enhance every aspect of driving dynamics and efficiency.



Aerodynamic Cd **0.24**



## Radiator grille

The new mesh-type grille adds a strong 3D effect for emphasis and maximum visual impact while serving its intended function.



## LED rear combination lamps

Not only gorgeous, the new chevron pattern with its wraparound setup is simple and certain to get immediate attention.



## Rear bumper

Fresh, new colors for the bottom insert and lower lip amplify the two-tone effect to make the bumper look sportier than ever.

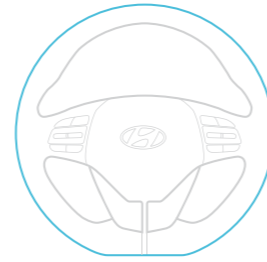




# Elegance and peace of mind.

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D-cut steering wheel



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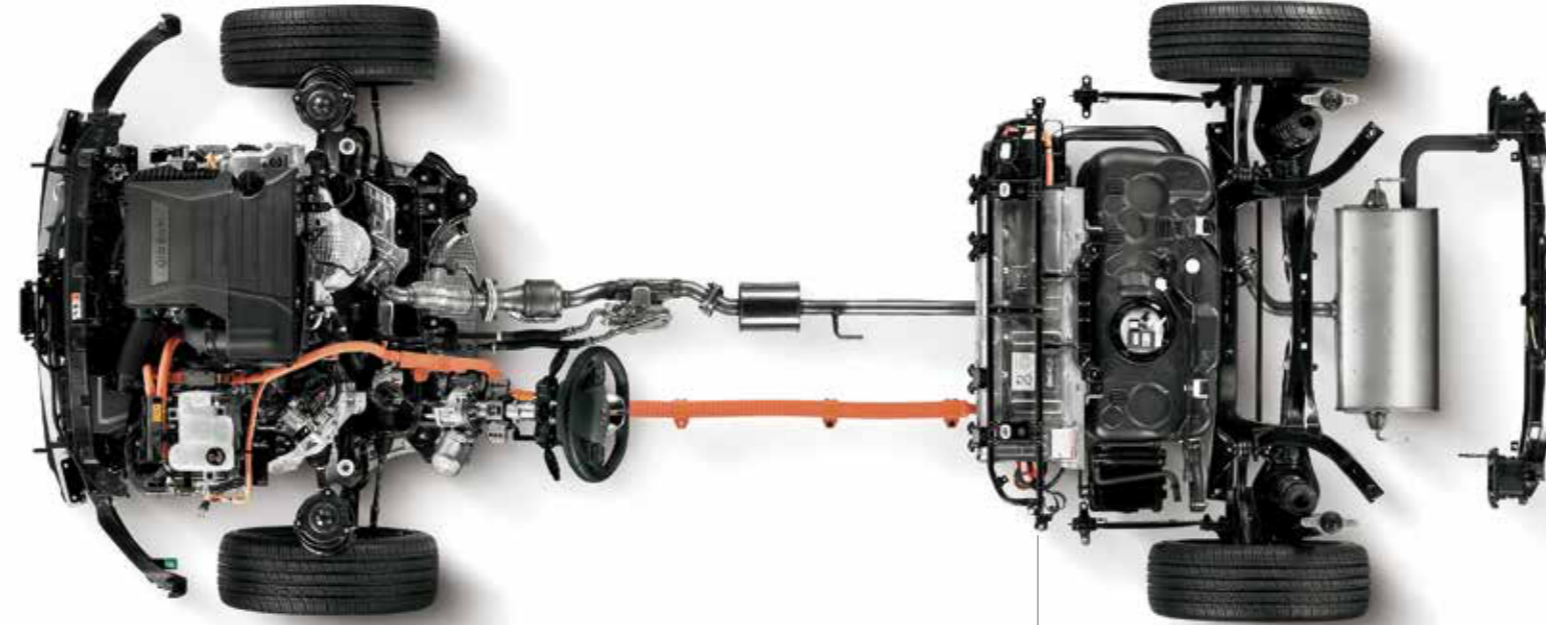
### Touchscreen air conditioning controller

Just as you would expect of Hyundai's high-tech flagship, the touchscreen AC controller is a cut above the rest and looks very cool indeed.



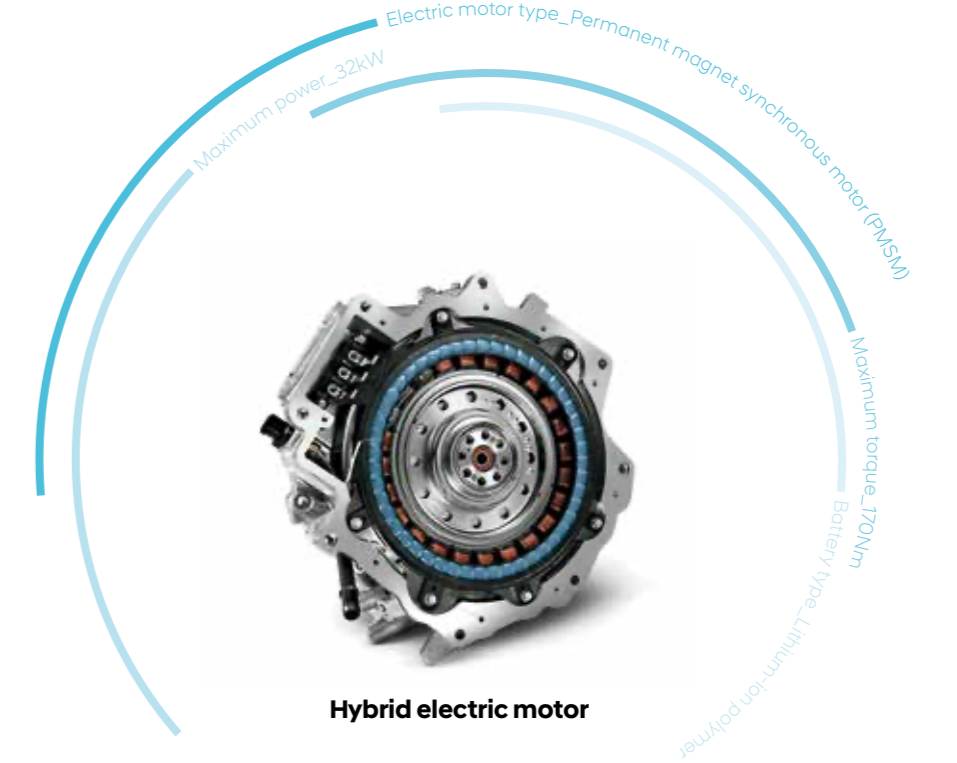


**Kappa 1.6L Atkinson-cycle GDi engine**



**Low center of gravity**

By mounting the battery under the seats, IONIQ is able to attain an exceptionally low center of gravity. This greatly enhances agility and helps make IONIQ so much fun to drive.



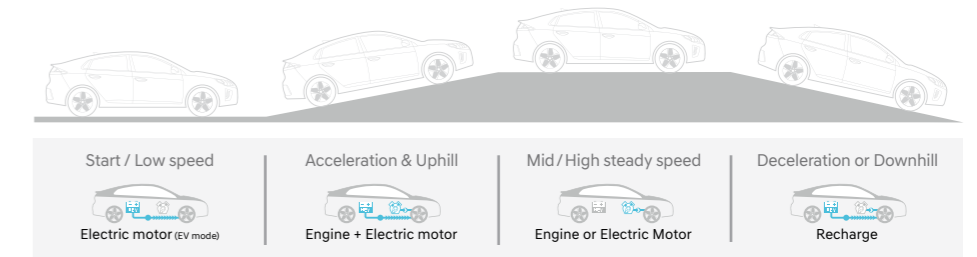
**Hybrid electric motor**

# Two hearts, one beat.

The epitome of forward-thinking motoring, the 1.6-litre GDi direct-injection petrol engine is intelligently engineered to work in unison with the electric motor to deliver maximum power and optimal fuel economy. Full torque is instantly available resulting in silk-smooth acceleration and a truly agile driving experience that surpasses all other cars in its class.

**Predictive energy management**

The battery management system optimizes energy storage by recovering braking energy to help recharge the batteries and by continuously collecting and analyzing data on your travel routes and driving habits. Advanced algorithms are employed to switch seamlessly between pure electric drive, pure gasoline propulsion or combined mode as battery reserve power and driving conditions permit.





# Cutting edge technologies help keep you safe and hassle-free.

IONIQ's safety features befit its sophisticated futuristic styling. Preventive safety innovations incorporate advanced technologies to help keep you on track and out of harm's way. Combining built-in radar, sensors and machine vision, IONIQ is at the leading edge of safety technology and will look out for you every inch of the way.

## 7-airbag system

Should the unexpected ever happen, seven airbags provide the ultimate protection. Up front, a pair of front airbags and another pair of side airbags for thorax protection with the driver getting added protection from a knee airbag. Full-length curtain airbags defend against side collisions.



## Lane Keeping Assist (LKA)

The Lane Keeping Assist (LKA) uses the front camera to monitor the lines of the road. In case of an unintended lane departure, it will warn the driver and can apply counter steering torque to guide the car back to the lane.



## Blind-spot Collision Warning (BCW)

Also using radar, the Blind-Spot Collision Warning (BCW) monitors the rear corners and, if another vehicle is detected, a visual alert appears on the exterior mirrors. If the driver then activates the indicators, an audible signal is emitted in lane change situations in which a vehicle is detected.

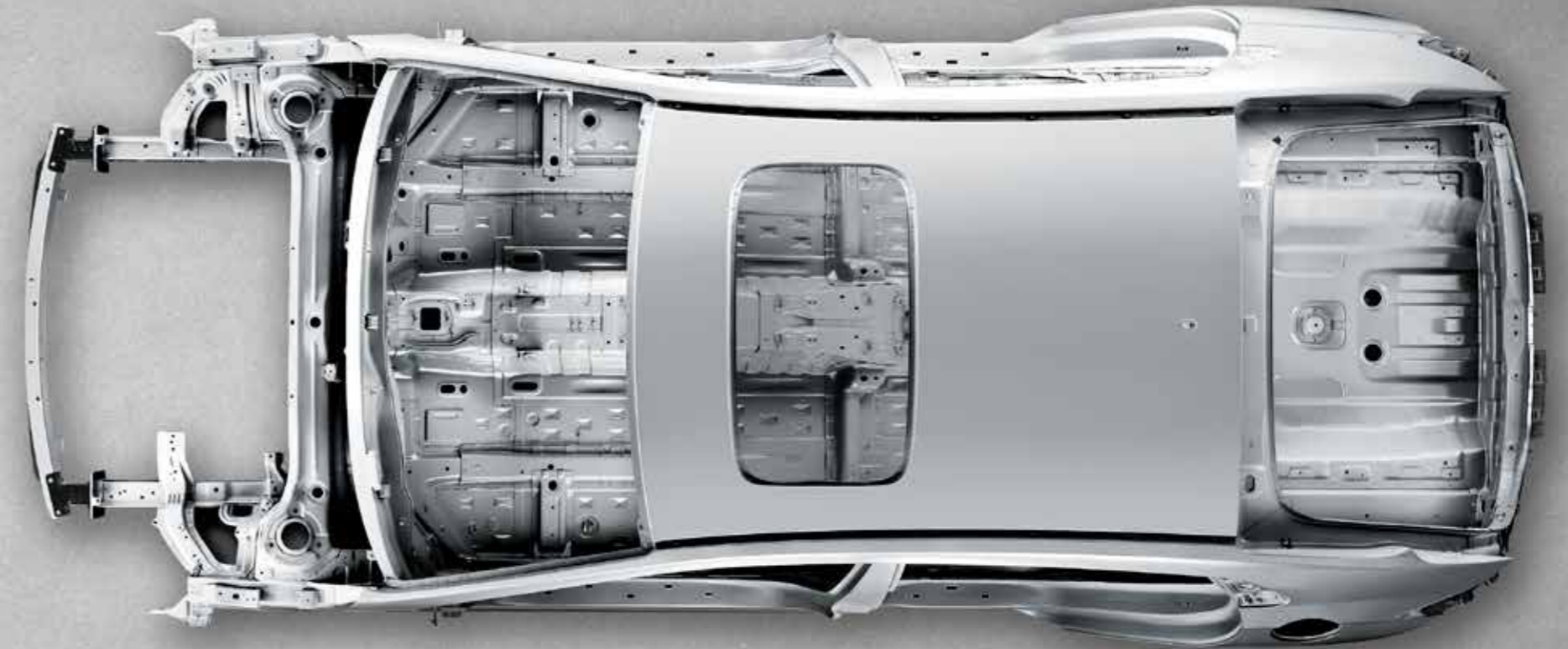


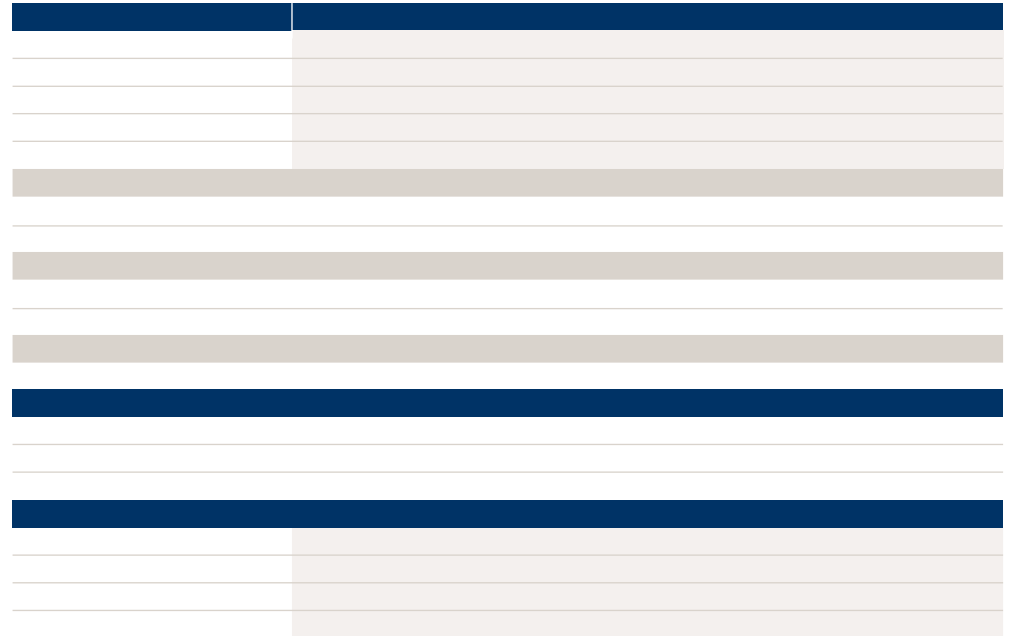
## Forward Collision-Avoidance Assist (FCA)

FCA is an advanced active safety feature that alerts drivers to emergency situations, braking automatically if required.

# Advanced High-Strength Steel (AHSS)

The usage of advanced high-strength steel alloys has been expanded to 53 percent of the body structure. To attain unprecedented levels of structural rigidity, critical components were fabricated using advanced hot stamping technology.





**KOMOLO** MOTORS PTE. LTD.

