Press Information – Europe

The new Hyundai IONIQ 6

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Notes
Full technical specifications can be found in a separately provided document for the respective model. Specifications named in this document may vary depending on region and trim.

01 The new Hyundai IONIQ 6 at a glance

- Hyundai Motor introduces the new Hyundai IONIQ 6, advancing its Electrified Streamliner with refined design, improved technology, and increased convenience
- The new Hyundai IONIQ 6 N Line variant adds a sport-inspired exterior and interior character to the line-up, drawing inspiration from Hyundai's high-performance N model
- The new Hyundai IONIQ 6 builds on Hyundai's Electrified Streamliner concept under the 'Pure Flow, Refined' design theme, enhancing every line and detail to make the car simpler, more progressive, and more aerodynamic
- Signature exterior elements such as a shark-nose front and clean ducktail rear highlight the car's sculpted, aerodynamic proportions
- Updated aerodynamics and chassis refinements achieve a drag coefficient of just 0.21, placing the model among the most aerodynamic vehicles in the industry
- New 84-kWh battery option enables increased driving range of up to 680 km WLTP depending on battery and wheel configuration, alongside ultra-fast 800-V charging capability
- Interior enhancements including new Connected Car Navigation Cockpit (ccNC), revised centre console with physical HVAC controls, and USB-C fast-charging ports
- Extended Infotainment and vehicle system OTA capability for long-term technology enhancement
- Cabin remains a 'Mindful Cocoon' designed for comfort, usability, and emotional well-being, further enhanced with intuitive controls and digital experiences
- Sustainability remains central, with eco-friendly materials throughout in line with Hyundai's 'Ethical Uniqueness' philosophy
- Smart Regenerative Braking System 3.0 for adaptive one-pedal control
- Updated Matrix LED headlamps with increased segmentation for improved visibility
- Slim digital side mirrors available in selected markets
- Interactive LED steering wheel for visual driving feedback
- Plug & Charge capability for seamless DC fast-charging authentication

Exterior design

- New Hyundai IONIQ 6 evolves its emotional and streamlined design, first inspired by the Prophecy Concept EV
- The exterior design embodies the "Pure Flow, Refined" philosophy, combining aerodynamic efficiency with timeless proportions
- Key updates include new front and rear bumpers, a more defined shark-nose front, and a clean ducktail rear spoiler that enhance both style and performance
- Subtle design refinements to the front and rear enhance presence and modernity, while maintaining the IONIQ line-up's distinctive Parametric Pixel identity
- Improved lighting technology includes the latest Matrix LED
- Intelligent Front-lighting System (IFS) with enhanced granularity for optimized visibility
- Updated wheel portfolio including restyled 18-inch and 20-inch aerodynamic wheels, with exclusive designs for the new N Line variant
- New Hyundai IONIQ 6 N Line introduces a sport-inspired design interpretation with unique bumpers, side accents and a dedicated spoiler for a more dynamic and expressive stance
- Optimised aerodynamic elements continue to support outstanding efficiency, complemented by digital side mirrors, flush door handles, and a sleek body contour
- Intelligent Active Air Flaps at the front further enhance aerodynamic performance
- Key exterior elements
    - Front design
        - Advanced Parametric Pixel Matrix LED headlamps with updated Intelligent Front-lighting System

        - Active Air Flaps and distinctive Hyundai emblem design
    - Rear design
        - Refined streamlined tail with pixel-signature rear lighting and enhanced lighting execution
        - N Line models feature a dedicated rear spoiler and performance-inspired bumper design
    - Side design
        - Streamlined, aerodynamic silhouette with a long 2,950-mm wheelbase
        - Sleek body surfaces with reduced visual noise
        - Digital side mirrors and auto-flush door handles
    - Wheel line-up
        - 18-inch aerodynamic alloy wheels
        - Updated 20-inch aerodynamic alloy wheels
        - Exclusive 20-inch wheel design for N Line

- Other notable features:
    - Updated palette with eleven exterior colours, including bold digital-inspired finishes and new matte tones
    - New colours introduced with the product enhancement broaden personalisation options
    - Exterior colour range includes:
        - Abyss Black Pearl
        - Serenity White Pearl
        - Aero Silver Metallic (new)
        - Nocturne Grey Metallic
        - Biophilic Blue Pearl
        - Gravity Gold Matte
        - Nocturne Grey Matte
        - Transmission Blue Pearl
        - Ultimate Red Metallic
        - Celadon Grey Matte (new)
        - Sunset Brown Pearl (new)
        - Transmission Blue Matte (new)

- Sustainable exterior materials
    - Recycled pigment paint from end-of-life tyres applied to cladding
    - Bamboo charcoal-pigment paint applied to selected colours
    - Transparent accents designed to spark curiosity

Dimensions

Specification	IONIQ 6	IONIQ 6 N Line
Length	4,925 mm	4,930 mm
Width	1,880 mm	1,880 mm
Height	1,495 mm	1,495 mm
Wheelbase	2,950 mm	2,950 mm
Luggage Capacity (rear)	401 litres	401 litres

Specification	IONIQ 6	IONIQ 6 N Line
Front Trunk (RWD / AWD)	45 L / 14.5 L	45 L / 14.5 L

** Editor's note: The vehicle specifications and features in this document may vary depending on country/region and are subject to change without notice.*

Interior design

- Inside, the new Hyundai IONIQ 6 realises Hyundai's 'Mindful Cocoon' concept – part of the overall "Pure Flow, Refined" design philosophy – creating a serene, user-centred environment that enhances comfort and focus
  - 'Mindful Cocoon' concept with lounge-like spaciousness
  - Long 2,950 mm wheelbase and flat floor thanks to E-GMP
  - User-centric cabin architecture
  - New 3-spoke steering wheel design (Highway Driving Assist 2 compatibility)
  - Redesigned bridge-type centre console with physical climate controls
  - Dual 12.3-inch screens with Connected Car Navigation Cockpit (ccNC) and full OTA updates
  - Additional USB-C ports including 100W V2P high-speed charging
  - Frameless interior mirror
  - Dual-colour ambient mood lighting (front and rear)
  - Speed-synchronised interior lighting
  - Interactive LED steering wheel
  - Front Relaxation Seats (optional)
  - Flat floor for increased comfort and space
  - Conventional opening glovebox
  - New seat piping and upgraded interior touchpoints
  - Interior transparency accents (Crash Pad Garnish, Door Map Pocket, Console Lower Cover)
  - Two interior trim options

Sustainable materials

- Eco-process leather (reduced BOD & COD)
- Recycled PET fabric for seats
- Bio TPO skin (dashboard)
- Bio PET headliner
- Bio paint (doors) from vegetable oils
- Recycled fishing-net carpet
- Optional ECONYL® mats

N Line interior features

- Exclusive N-sport seats (cloth, leather + Alcantara; N embossing)
- N steering wheel
- Red accents and stitching
- Metal pedals and dedicated footrest
- Black headliner (suede option)
- Black speaker grilles

Hyundai Motor Group's EV-dedicated E-GMP architecture

- BEV-dedicated Electric-Global Modular Platform (E-GMP)
- 800-V ultra-fast charging capability
- Optimised DC fast-charging performance and improved real-world charging recovery
- New 84-kWh battery option supporting extended driving range
- Flat floor thanks to battery integration for maximised cabin space
- Optional AWD with dual-motor layout for enhanced traction and performance
- Extended Infotainment and vehicle system OTA capability for long-term technology enhancement

Vehicle-to-Load (V2L)

- Bi-directional charging capability for powering external devices
- Up to 3.6 kW output for electrical equipment (110-V / 220-V)
- Interior V2L port located beneath rear seats
- Exterior V2L capability available via adapter
- Additional USB-C power delivery including 100W V2P fast charging for devices

Electric powertrains

- Two battery options and two motor layouts: RWD and AWD
- New 63-kWh and 84-kWh battery packs for extended range and efficiency
- Up to 680 km WLTP range (RWD, 84 kWh, 18")
- High-efficiency EV system with ultra-rapid charging capability
- N Line derivative available with dedicated performance calibration

800-volt battery technology for ultra-fast charging

- 10-80% in 18 minutes with a 350-kW charger
- Up to 100 km recovered in under five minutes of charging
- Up to 315 km recovered in around 15 minutes depending on battery configuration
- Compatible with ultra-fast DC charging with high-power capability

**WLTP values may vary depending on configuration and homologation*

E-GMP ensures enhanced handling and stability

- E-GMP architecture delivers high stability and predictable handling
- Five-link rear suspension system, typically used for larger vehicle segments
- Integrated drive axle (IDA) combines wheel bearings and driveshaft for lower weight and improved rigidity
- Flat floor thanks to battery packaging and no transmission tunnel
- Enhanced regenerative braking system (Smart Regenerative System 3.0) optimises deceleration based on radar and navigation data for smoother control and improved efficiency
- Updated steering system with HDA2-specific three-spoke wheel enhances assist control precision

Vehicle Performance Tune-up

- Customisable driving settings via 'My Drive Mode'
- Adjustable parameters:
    - Steering effort (sport, normal)

  - Power output (maximum, normal, minimum)
  - Acceleration pedal sensitivity (high, normal, low)
  - Driveline mode for AWD (AWD, AUTO AWD, 2WD)
- Regenerative Braking 3.0 automatically adjusts recuperation using radar and navigation for seamless one-pedal-like driving control and more efficient energy use

Connectivity

- Equipped with Over-the-Air (OTA), which delivers even more convenience for drivers at the push of a button. If the customer chooses, this function ensures that their car is always up-to-date with the latest software. There are two kinds of OTA updates:
  - Map & infotainment software updates
  - Vehicle software updates
- New Connected Car Navigation Cockpit (ccNC) system with higher computing power and upgraded graphics
  - Full-vehicle OTA capability for future system updates
  - 12.3-inch AVN touchscreen
  - 12.3-inch digital cluster
  - Online voice recognition
- Bluelink® connected car services include:
  - Online Navigation (Connected Routing)
  - EV route planning
  - A cloud-based user profile
  - Remote services including remote charging
  - Last-mile navigation and live parking information
- Plug & Charge function for compatible charging networks:
  - Users can just plug in their car and charge at dedicated charge point operators without the need for an app or charging card, saving them time and hassle
- Other connectivity features include:
  - Wireless phone charging
  - USB-C ports including high-power output (100W depending on version)
  - Bluetooth multi-connection
  - Digital Key 2 with NFC and UWB smartphone key support
  - Wireless Android Auto and Apple CarPlay

Convenience

- New Hyundai IONIQ 6 provides 401 litres of cargo space
- The ‘frunk’ (a front trunk) offers up to 45 litres of additional storage space for the RWD model and 14.5 litres for the AWD model
- Infotainment features include:
  - Head-up Display (HUD)
  - Premium Bose audio system
  - E-Active Sound Design (e-ASD)
- Other convenience features include:
  - Shift-by-Wire
  - Regenerative Paddle Shifters (with i-Pedal)
  - Physical climate control buttons for key HVAC functions

Smart Sense and safety

- New Hyundai IONIQ 6 features an enhanced Intelligent Front-lighting System (IFS) with Matrix Beam LED headlights, now offering 12 segments per module for even more precise light distribution and reduced glare for other drivers.
- Digital Side Mirrors (DSM) replace traditional mirrors* with cameras and OLED displays for improved visibility (*conventional mirrors also available).
- The model is equipped with the next level of Hyundai Smart Sense, offering comprehensive Advanced Driver Assistance Systems for maximum convenience and safety on the road, including:
    - Highway Driving Assist 2 with enhanced Hand-Off Detection and Lane Changing Assist
    - Highway Driving Assist 3 (available on top trim)
    - Forward Collision-Avoidance Assist / FCA 2 with:
        - Vehicle / Pedestrian / Cyclist detection
        - Junction Turning & Junction Crossing Assist
        - Lane-Change Oncoming & Side with Evasive Steering Assist
    - Blind-Spot Collision-Avoidance Assist (BCA)
    - Blind-Spot View Monitor (BVM)
    - Navigation-based Smart Cruise Control (SCC)
    - Lane Following Assist (LFA) & Lane Keeping Assist (LKA)
    - Intelligent Speed Limit Assist (ISLA)
    - Driver Attention Warning (DAW)
    - Safe Exit Assist / Warning (SEA / SEW)
    - Rear Occupant Alert (ROA)
    - Remote Smart Parking Assist 2 with new diagonal parking capability
    - Surround View Monitor (SVM) with enhanced HD digital camera feeds
    - Forward / Side / Reverse Parking Collision-Avoidance Assist (PCA)
    - Multi-Collision Braking (MCB)
    - Hill-start Assist Control (HAC)

Additional safety features

- Seven airbags including centre-side front airbag
- eCall emergency assistance

02 Design & Aerodynamics

The new Hyundai IONIQ 6 builds on Hyundai's Electrified Streamliner concept under the "Pure Flow, Refined" design theme, enhancing every line and detail to make the car simpler and more progressive while advancing its aerodynamic expression.

Exterior design

The exterior receives a number of key enhancements:

- A sharpened shark-nose front accentuates forward motion and aerodynamic flow
- The previous dual rear spoiler has been replaced by an extended ducktail spoiler, achieving a smoother, more refined silhouette
- New slim Digital Side Mirrors (DSM) improve aerodynamic performance and visual precision.
- New 18-inch and 20-inch alloy wheels have been introduced, combining aerodynamic efficiency with a sportier look.
- Additional refinements include revised Parametric Pixel lighting graphics, a refreshed rear lamp signature, and improved surface execution for better perceived quality.

N Line exterior

The new Hyundai IONIQ 6 N Line introduces exclusive, sport-inspired exterior enhancements that visually distinguish it from the rest of the line-up. Key elements include dedicated front and rear bumpers inspired by the high-performance Hyundai IONIQ 6 N, glossy black claddings, unique 20-inch alloy wheels, and a distinctive ducktail rear spoiler for a more dynamic appearance.

Exterior colour range

The new palette now includes twelve exterior colours, with fresh matte and metallic finishes expanding personalisation options:

- Abyss Black Pearl
- Serenity White Pearl
- Aero Silver Metallic *(new)*
- Nocturne Grey Metallic
- Biophilic Blue Pearl
- Gravity Gold Matte
- Nocturne Grey Matte
- Transmission Blue Pearl
- Ultimate Red Metallic
- Celadon Grey Matte *(new)*
- Sunset Brown Pearl *(new)*
- Transmission Blue Matte (new)

All shades have been developed to emphasise the model's sculptural surfaces and refined details, reinforcing Hyundai's vision of Sensuous Sportiness and sustainable design.

Interior design

Inside, the new Hyundai IONIQ 6 expresses Hyundai's "Mindful Cocoon" concept – an integral part of the overall "Pure Flow, Refined" philosophy – creating a calm, user-centred space. Its lounge-like cabin, enabled by the flat-floor layout of the E-GMP platform and a long 2,950-mm wheelbase, creates a spacious and calming environment referred to as the brand's "Mindful Cocoon."

Key updates include:

- A new three-spoke steering wheel designed for Highway Driving Assist 2 (HDA 2) functionality.
- An updated bridge-type centre console with physical climate-control buttons for seat heating and ventilation, improving usability.
- Dual 12.3-inch displays featuring Hyundai's new Connected Car Navigation Cockpit (ccNC) platform with full Over-the-Air update capability.
- Additional USB-C ports, including a 100 W V2P high-speed charging outlet for increased convenience.
- A new frameless interior mirror and revised door trims with improved material quality.
- A conventional opening glovebox for better practicality.
- Updated seat piping and surface finishes enhancing both comfort and perceived quality.

Ambient lighting and sustainable materials remain central to the cabin concept. Dual-colour, speed-sensitive mood lighting extends to the front and rear, while eco-friendly materials such as recycled PET fabric, bio paint, and eco-processed leather reinforce Hyundai's commitment to sustainability.

N Line interior

The IONIQ 6 N Line introduces an exclusive, sport-inspired interior atmosphere. Highlights include N-embossed sport seats (available in cloth or Alcantara/leather combinations), a dedicated N-Line steering wheel, red stitching and piping, metal pedals, and a black suede headliner. The result is a driver-focused environment that merges dynamic character with everyday comfort.

Aerodynamics

With a drag coefficient of just 0.21, the new Hyundai IONIQ 6 remains one of the most aerodynamic vehicles in its class. Optimised front air flaps, flush door handles, and an aerodynamically sculpted underbody contribute to exceptional efficiency and high-speed stability – consistent with Hyundai's "Pure Flow, Refined" approach.

03 Performance & Dynamics

Powertrain configurations

The new Hyundai IONIQ 6 and the new Hyundai IONIQ 6 N Line are built on Hyundai Motor Group's Electric-Global Modular Platform (E-GMP), combining high efficiency with refined performance. Both variants use advanced lithium-ion polymer batteries available in two capacities – 63.0 kWh (Standard Range) and 84.0 kWh (Long Range).

In its Standard Range (63 kWh) rear-wheel-drive configuration, the Hyundai IONIQ 6 delivers 125 kW (170 PS) and 350 Nm of torque, enabling acceleration from 0 to 100 km/h in 8.3 seconds. The Long Range (84 kWh) RWD version increases output to 168 kW (229 PS) while maintaining the same torque level and achieving 0 to 100 km/h in 7.4 seconds.

The Long Range (84 kWh) all-wheel-drive model combines a 74 kW front motor and a 165 kW rear motor, producing a total of 239 kW (325 PS) and 605 Nm of torque for dynamic acceleration from 0 to 100 km/h in 5.1 seconds. All variants reach a top speed of 185 km/h.

The new Hyundai IONIQ 6 N Line features the same dual-motor AWD configuration, enhanced with dedicated performance calibration, suspension tuning, and sport-specific steering for even more direct feedback and confident stability during cornering – delivering precise control without compromising ride comfort.

Ride and handling characteristics

E-GMP's modular architecture ensures optimal weight distribution and a low centre of gravity, providing the IONIQ 6 with balanced handling, high stability, and refined comfort. The chassis features a sophisticated five-link rear suspension – typically used in larger vehicle segments – which contributes to superior ride quality and precise control.

The newly calibrated steering system with the three-spoke HDA 2 steering wheel enhances steering feedback and driver confidence, while the platform's rigid battery structure improves torsional stiffness and crash performance.

The new Hyundai IONIQ 6 N Line benefits from dedicated suspension tuning and steering calibration inspired by the new Hyundai IONIQ 6 N, delivering a sportier and more responsive driving feel while maintaining the smooth, composed ride comfort that defines Hyundai's Electrified Streamliner.

Regenerative braking and control systems

The new Hyundai IONIQ 6 introduces Hyundai's Smart Regenerative System 3.0, which automatically adjusts the level of regenerative braking based on data from the vehicle's front radar and navigation system.

This intelligent system anticipates traffic and road conditions – such as curves, roundabouts, junctions, or speed limits – and optimises deceleration accordingly, reducing the need for manual braking by up to 84 per cent compared to conventional operation.

Drivers can also adjust the regenerative strength manually via the steering wheel paddles, while i-Pedal mode enables true one-pedal driving for maximum energy recovery in stop-and-go traffic. Smart

Regenerative System 3.0 operates seamlessly across all speeds, providing smoother deceleration, improved driving comfort, and greater overall efficiency.

Electric-Global Modular Platform (E-GMP)

At the foundation of the new IONIQ 6 lies Hyundai Motor Group's Electric-Global Modular Platform (E-GMP), specifically engineered for next-generation battery electric vehicles. Its low-mounted battery placement ensures a low centre of gravity and optimal weight distribution, delivering secure handling, high stability, and outstanding energy efficiency.

The platform's flat-floor architecture maximises interior space and contributes to the model's lounge-like cabin experience, while the rigid battery structure enhances torsional stiffness and crash protection. E-GMP also enables the new Hyundai IONIQ 6's 800-volt ultra-fast charging capability, allowing energy recovery of up to 351 kilometres (range to be confirmed) in 15 minutes using a 350 kW charger.

Through this advanced platform, the new Hyundai IONIQ 6 combines long-distance comfort and efficiency with a solid, confident driving character that reflects Hyundai's Electrified Streamliner philosophy.

Technical data

Variant	Battery	Drive	Power Output	Torque	Acceleration (0–100 km/h)	Top Speed
Standard Range	63.0 kWh	RWD	125 kW / 170 PS	350 Nm	8.3 s	185 km/h
Long Range	84.0 kWh	RWD	168 kW / 229 PS	350 Nm	7.4 s	185 km/h
Long Range	84.0 kWh	AWD	239 kW / 325 PS	605 Nm	5.1 s	185 km/h
N Line	84.0 kWh	AWD	239 kW / 325 PS	605 Nm	5.1 s	185 km/h

04 Range & Charging

The new Hyundai IONIQ 6 builds on Hyundai Motor Group's Electric-Global Modular Platform (E-GMP), combining high-efficiency electric performance with outstanding charging capability. The architecture supports both 400- and 800-volt charging infrastructures, allowing ultra-fast energy recovery and maximum driving range.

Battery options and efficiency

Two battery capacities are available: 63.0 kWh (Standard Range) and 84.0 kWh (Long Range). Depending on configuration and wheel size, the new Hyundai IONIQ 6 achieves an all-electric driving range of up to 680 km (WLTP) for the long-range rear-wheel-drive version with 18-inch wheels. The all-wheel-drive variant delivers up to 650 km (WLTP) on 18-inch wheels and 595 km (WLTP) with 20-inch wheels, combining outstanding efficiency with dynamic performance.

Ultra-fast charging performance

Thanks to its 800-volt system architecture, the new Hyundai IONIQ 6 supports DC fast charging up to 350 kW. Under optimal conditions, the battery can charge from 10 to 80 percent in about 18 minutes, recovering up to 426 kilometres of range in 15 minutes (range to be confirmed).

Charging performance remains stable across a wide range of temperatures thanks to a new battery pre-conditioning function, which automatically adjusts battery temperature when navigating to a charging station in cold weather.

Smart energy management

The battery system features an optimised cooling structure with a separated cooling block that improves thermal stability and energy density while reducing overall system height. Combined with the IONIQ 6's exceptionally low drag coefficient of 0.21, these refinements ensure maximum efficiency and consistent real-world performance.

Vehicle-to-Load (V2L)

The new Hyundai IONIQ 6 offers bi-directional charging capability, allowing external electrical devices to be powered directly from the vehicle's battery. The system provides up to 3.6 kW of power, supporting both interior and exterior outlets:

- Interior V2L port beneath the rear seats for smaller devices
- Exterior V2L outlet accessible via adapter for higher-demand equipment

V2L can be used while parked or driving, making the new Hyundai IONIQ 6 a flexible energy source for leisure or emergency situations.

Connected charging and route planning

Through Hyundai's Bluelink® Connected Car Services, drivers can locate charging stations, check availability and estimated charging times, and plan routes that include optimal charging stops. Remote functions allow users to monitor charging status, schedule sessions, or pre-heat the vehicle while connected to an external power source, providing maximum convenience and energy efficiency.

Technical data

Variant	Wheel Size	Range (km, WLTP combined)	Energy Consumption (kWh/100 km)	CO_2 Emissions (g/km)
63.0 kWh RWD	18”	**521 km**	13.4	0
84.0 kWh RWD	18”	**680 km**	13.5	0
84.0 kWh RWD	20”	**624 km**	14.7	0
84.0 kWh RWD N Line	20”	**585 km**	15.5	0
84.0 kWh AWD	18”	**650 km**	13.8	0
84.0 kWh AWD	20”	**595 km**	15.4	0
84.0 kWh AWD N Line	20”	**570 km**	15.9	0

**All values according to WLTP combined cycle. Actual range and consumption may vary depending on driving style, road conditions, temperature, and vehicle load.*

05 Connectivity & Smart Features

The new Hyundai IONIQ 6 introduces Hyundai's most advanced digital in-car environment to date, built around the new Connected Car Navigation Cockpit (ccNC) platform. This latest-generation operating system delivers higher computing power, faster processing, and smoother graphics for a seamless and intuitive user experience.

Digital architecture and infotainment

Two seamlessly integrated 12.3-inch displays form a wide, panoramic interface: one for infotainment and one for the digital cluster. The ccNC platform enables split-screen functionality, advanced navigation graphics, and improved responsiveness across all vehicle systems.

The new Hyundai IONIQ 6 supports full Over-the-Air (OTA) updates not only for maps and infotainment, but also for key vehicle control units such as ADAS, battery management, and convenience features – keeping the car continuously up to date without the need for workshop visits.

Other key digital features include:

- Online voice recognition with natural-language processing
- Bluetooth multi-connection for simultaneous device pairing
- Wireless smartphone charging
- Multiple USB-C ports, including high-power outlets for faster device charging
- Wireless Apple CarPlay and Android Auto integration

Bluelink® Connected Car Services

Through the latest Bluelink® app, customers can remotely monitor charging status, range, and battery condition, schedule charging sessions, or pre-condition the cabin temperature while connected to an external power source.

The cloud-based Connected Routing system calculates efficient routes using real-time traffic and energy-consumption data, while the EV Route Planner automatically includes optimal charging stops with live station availability.

Additional connected features include:

- User Profile & Remote Profile Management via cloud storage
- Last-Mile Navigation for walking guidance after parking
- Live Parking Information with on-street availability and pricing
- Calendar Integration with Google and Apple calendars
- Find My Car and Send-to-Car (POI) functionality

All Bluelink® services are continuously enhanced through OTA updates, ensuring the new Hyundai IONIQ 6 remains digitally up to date throughout its lifecycle.

Plug & Charge

The new Hyundai IONIQ 6 is Hyundai's first model to offer Plug & Charge functionality, compliant with the

ISO 15118-2 standard. Once activated via the customer's Charge myHyundai account, the car automatically authenticates and initiates charging when connected to a compatible Plug & Charge station – no app or RFID card required. Secure encrypted communication ensures automatic identification and billing, providing effortless access across Europe's major high-power charging networks.

Audio and user experience

Depending on trim, the new Hyundai IONIQ 6 can be equipped with a Bose Premium Sound System featuring eight speakers including a subwoofer, precisely tuned for immersive audio quality.

Digital Key 2 and security

With Digital Key 2, the new Hyundai IONIQ 6 can be unlocked, started, and shared via compatible smartphones or smartwatches using Near Field Communication (NFC) and Ultra-Wideband (UWB) technology. Owners can grant or revoke access digitally, providing convenience and security for shared vehicle use.

06 Advanced Safety & ADAS

The new Hyundai IONIQ 6 is equipped with the latest generation of Hyundai Smart Sense active-safety and driver-assistance technologies, offering outstanding protection and convenience for every journey.

Intelligent lighting and driver awareness

The new Intelligent Front-lighting System (IFS) with Matrix Beam LED headlamps automatically adjusts the light distribution depending on traffic and road conditions. Each module now features 12 independently controlled segments for even greater precision, reducing glare for oncoming drivers while maintaining maximum illumination for the IONIQ 6 driver.

Digital Side Mirrors (DSM) are available in selected markets, replacing traditional mirrors with high-definition cameras and OLED displays to enhance visibility and aerodynamic performance.

Comprehensive driver assistance

At the core of the system is Highway Driving Assist 2 (HDA 2), which combines adaptive cruise control and lane-centering functions using front-view cameras, radar, and navigation data.

In specific trims, Highway Driving Assist 3 (HDA 3) further improves automated lane-change and hand-off detection for smoother transitions and enhanced confidence on motorways.

The Navigation-based Smart Cruise Control (NSCC) automatically adapts speed to curves, junctions, and speed limits while learning the driver's preferred acceleration and braking style over time.

Forward Collision-Avoidance Assist (FCA 2) adds several newly enhanced sub-functions:

- Junction Turning Assist – prevents collisions with oncoming traffic when turning left.
- Junction Crossing Assist – detects vehicles approaching from the side.
- Lane-Change Oncoming / Side Assist – monitors adjacent lanes and intervenes when needed.
- Evasive Steering Assist – provides active steering input to avoid obstacles when safe to do so.

Additional systems include:

- Blind-Spot Collision-Avoidance Assist (BCA) and Blind-Spot View Monitor (BVM)
- Rear Cross-Traffic Collision-Avoidance Assist (RCCA)
- Safe Exit Warning (SEW) and Safe Exit Assist (SEA)
- Driver Attention Warning (DAW) with leading-vehicle departure alert
- Intelligent Speed Limit Assist (ISLA)
- Lane Keeping Assist (LKA) and Lane Following Assist (LFA)

Parking and low-speed assistance

The new Hyundai IONIQ 6 features Remote Smart Parking Assist 2 (RSPA 2), which allows the vehicle to autonomously enter or exit parking spaces – including diagonal parking – while the driver controls the process remotely via the smart key.

An enhanced Surround View Monitor (SVM) provides sharper high-definition imagery for easier spatial awareness, and Parking Collision-Avoidance Assist (PCA) actively brakes if pedestrians or obstacles are detected during manoeuvring.

Passive safety and structural integrity

In addition to comprehensive active safety systems, the IONIQ 6 offers robust occupant protection through seven airbags, including a centre-side front airbag that minimises head contact between occupants in the event of a side impact.

The E-GMP platform integrates ultra-high-strength steel and strategically placed energy-absorbing zones to ensure optimal crash performance. A Multi-Collision Braking (MCB) system automatically applies the brakes after an initial impact to reduce the risk of secondary collisions, while Hill-Start Assist Control (HAC) and eCall emergency assistance provide additional security in everyday driving.

Together, these technologies make the new Hyundai IONIQ 6 one of the safest and most advanced electric vehicles in its segment – combining predictive intelligence, driver comfort, and outstanding crash protection.

Disclaimer: CO2 and emissions data for the new Hyundai IONIQ 6

- Electricity consumption combined for the Hyundai IONIQ 6 63 kWh (18” alloy wheels) with 2WD in kWh/100 km: 13.4; CO_2 emissions combined in g/km: 0 (WLTP)
- Electricity consumption combined for the Hyundai IONIQ 6 84 kWh (18” alloy wheels) with 2WD in kWh/100 km: 13.5; CO_2 emissions combined in g/km: 0 (WLTP)
- Electricity consumption combined for the Hyundai IONIQ 6 84 kWh (20” alloy wheels) with 2WD in kWh/100 km: 14.7; CO_2 emissions combined in g/km: 0 (WLTP)
- Electricity consumption combined for the Hyundai IONIQ 6 84 kWh (18” alloy wheels) with AWD in kWh/100 km: 13.8; CO_2 emissions combined in g/km: 0 (WLTP)
- Electricity consumption combined for the Hyundai IONIQ 6 84 kWh (20” alloy wheels) with AWD in kWh/100 km: 15.4; CO_2 emissions combined in g/km: 0 (WLTP)

- End –

About Hyundai Motor Europe HQ
Hyundai Motor Europe HQ was formally established in 2000, with its main office located in Offenbach, Germany. Serving as the regional headquarters, it is responsible for the sale of vehicles in 41 European countries through 2,191 sales outlets and a market share in 2024 of 4.1 %. More than 70 per cent of Hyundai vehicles sold in the region are models engineered, tested, and manufactured in Europe, tailored to meet the specific needs of European customers. These vehicles are produced at the company's Czech and Turkish production plants.

In 2024, approximately 12 per cent of Hyundai cars sold in Europe were zero-tailpipe-emission vehicles (BEVs and FCEVs), including respective World Car of the Year 2022 and 2023 winners, IONIQ 5 and IONIQ 6. This solidifies Hyundai's position as one of the leading manufacturers in terms of zero-tailpipe-emission vehicles in Europe as the company undergoes a transformation into a Smart Mobility Solutions Provider. Moreover, about 85 per cent of Hyundai's current line-up in Europe is available as an electrified version.

With a focus on its vision of 'Progress for Humanity' and a clear commitment to electric vehicles, Hyundai is set to introduce more BEVs to its electric line-up and will electrify all models in Europe by 2027. In 2025, the all-electric city car, INSTER, and the highly anticipated IONIQ 9 will be key highlights in the market.
Hyundai offers a unique Five-Year Unlimited Mileage Warranty package with all new cars sold in the region. This package includes a five-year warranty with no mileage limit, five years of roadside assistance, and five years of vehicle health checks, providing customers with added peace of mind.

More information about Hyundai Motor Europe HQ and its products is available at www.hyundai.news.

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About Hyundai Motor Company
Established in 1967, Hyundai Motor Company is present in over 200 countries with more than 120,000 employees dedicated to tackling real-world mobility challenges around the globe. Based on the brand vision 'Progress for Humanity,' Hyundai Motor is accelerating its transformation into a Smart Mobility Solution Provider. The company invests in advanced technologies such as robotics and Urban Air Mobility (UAM) to bring about revolutionary mobility solutions, while pursuing open innovation to introduce future mobility services. In pursuit of sustainable future for the world, Hyundai will continue its efforts to introduce zero emission vehicles equipped with industry-leading hydrogen fuel cell and EV technologies.

Disclaimer: Hyundai Motor Company believes the information contained herein to be accurate at the time of release. However, the company may upload new or updated information if required and assumes that it is not liable for the accuracy of any information interpreted and used by the reader.