



## Press Information

### **Kia EV6 redefines boundaries of electric mobility with inspiring design, exhilarating performance and innovative space**

- **EV6 is the symbol of Kia's new brand and the first BEV built on new dedicated EV platform**
- **Choice of multiple zero-emissions powertrain configurations; over 510 kilometers from a single charge**
- **800V ultra-fast charging from 10 to 80 percent in just 18 minutes; 100 kilometers in less than 4.5 minutes**
- **EV6 GT accelerates from 0-to-100 km/h in 3.5 seconds with top speed of 260 km/h**
- **New EV architecture delivers spacious interior and high-tech features for an intuitive user experience**
- **Advanced Driver Assistance System includes Highway Driving Assist 2 and Remote Smart Parking Assist**

**(SEOUL) March 30, 2021** – The new Kia EV6 brings long-range, zero-emissions power, 800V ultra-fast charging and distinctive styling to the crossover SUV market. The EV6 is Kia's first car to be based on the company's dedicated new platform for battery electric vehicles (BEVs).

This pioneering crossover – the first dedicated BEV launched under the new Kia design philosophy 'Opposites United' – displays a future-oriented EV design characterized by high-tech details. It is powered exclusively by electric energy, with a choice of multiple long-range, zero-emissions powertrain configurations. The 800V charging capability means EV6 can go from 10 to 80 percent battery charge in just 18 minutes, while the GT version, engineered to inspire consumers with exciting driving performance, can accelerate from 0-to-100 km/h in 3.5 seconds with a top speed of 260 km/h.

The EV6 is the first dedicated BEV produced by Kia using the all-new Electric-Global Modular Platform (E-GMP), and forms the first part of Kia's transition to the new era of electrification under the new brand slogan, 'Movement that inspires'. It also begins the mid-to-long term strategy for BEVs, plug-in hybrid (PHEV) and hybrid electric (HEV) vehicles to make up 40 percent of Kia's total sales by 2030, with an annual sales target of 1.6 million

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units for these eco-friendly models. As part of this, Kia aims to grow its BEV sales to 880,000 units in 2030 and become a top global seller. Kia plans to strengthen its EV lineup with 11 new BEV models by 2026 – seven built on E-GMP architecture, and four derivative EVs based on existing models.

“EV6 is the embodiment of the new Kia. It is born to inspire every journey, through bold design, progressive engineering, innovative technologies, and exciting electric performance,” Ho Sung Song, Kia’s President & CEO said. “EV6 also represents the beginning of Kia’s long-term commitment to sustainable mobility, accelerating the transition not only to clean transportation, but also products, materials and manufacturing.”

The EV6 will be produced in South Korea. It will go on-sale in select global markets starting from the second half of 2021, with online reservations beginning from March 30 in some markets.

The EV6’s world premiere video can be viewed on the [Kia Global YouTube channel](#).

## **New Kia design direction**

### **New design language strikes a balance between contrasting forces**

The EV6 was designed under the brand’s new design philosophy ‘Opposites United’, which takes inspiration from the contrasts found in nature and humanity. At the center of the design philosophy is a new visual identity evoking positive forces and natural energy, with contrasting combinations of sharp stylistic elements and sculptural shapes.

Karim Habib, Senior Vice President and Head of Kia Global Design Center, elaborated: “EV6, as the first dedicated Kia EV, is a showcase of human-centred, progressive design and electrified power. We strongly believe EV6 is a compelling and relevant model for the new EV era. With EV6 we aimed to create a distinctive, impactful design by using a combination of sophisticated, high-tech features on pure and rich volumes while providing a dedicated EV aiming to define our future.”

Designed to deliver something different in the crossover class, the GT version of the EV6 offers a distinctive, impactful exterior with high-tech features, as well as unprecedented levels of performance from a Kia electric vehicle.

At the front, Kia’s ‘tiger face’ has been re-interpreted for the digital era. Forming part of this ‘Digital Tiger Face’, daytime running lights display a sleek, modern appearance and include a ‘sequential’ dynamic light pattern. Below this, a low air intake visually widens the front of the car, accentuating its high-tech image.

The side profile displays a crossover-inspired silhouette, which is modern, sleek and aerodynamic. A character line runs along the bottom of the doors, curving upwards towards the rear wheel arches to visually elongate the profile of the car. Designed in part to realize ultimate aerodynamic performance, the rear displays a sloping C-pillar with an integrated

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black glossy insert which appears to extend the window glass. Above this sits a prominent wing-type roof spoiler that channels air downwards towards a raised lower spoiler, which sits atop the car's unique rear light cluster.

## **Inspiring space**

### **Versatile and spacious inside thanks to the flat battery under the floor**

A distinct product of the EV era, the interior design benefits greatly from the application of Kia's dedicated E-GMP platform. Despite the EV6's compact exterior dimensions, its 2,900mm wheelbase results in a cabin space similar to many mid-size SUVs.

Jochen Paesen, Vice President for Interior Design, commented: "People are first attracted by the exterior of cars, but they eventually fall in love with the interior – where they spend most of their time. So, designing an inspiring space for the EV6 was the most important thing for us. We believe EV6 can inspire customers by boosting their creativity."

One of the most striking elements is a seamless high-tech curved infotainment screen. The simple form language of the wide screen and dashboard give the interior an open feel.

Relaxation seats are slim, lightweight and contemporary, and clad in modern, visually interesting and robust fabrics created using recycled plastics – equivalent to 111 plastic water bottles.

The EV6 offers intelligent and flexible interior packaging and an abundance of cabin storage areas, including 520 liters (VDA) of trunk space with the second-row seats in place. With the second-row seats folded down, stowage capacity increases to approximately 1,300 liters. The car also features a front trunk which provides up to an additional 52 liters of stowage space for 2WD models and 20 liters for AWD models.

## **Electric Power**

### **Long-range, all-wheel drive and zero-emissions**

The EV6 offers buyers a choice of multiple fully-electric, zero-emission powertrain configurations, including long-range (77.4 kWh) and standard-range (58.0 kWh) high-voltage battery packs. EV6 GT-line is available with both long-range and standard-range battery packs, while EV6 GT features the long-range battery pack only. This is Kia's first electric vehicle to be available with two-wheel (2WD) or all-wheel drive (AWD) options – the latter offering enhanced dynamic capability in even the most challenging conditions.

The 2WD 77.4 kWh EV6 can travel over 510 kilometers (316 miles) on a single charge on the WLTP combined cycle. With a maximum 605 Nm torque available on the AWD version, the EV6 can accelerate from 0-to-100 km/h in just 5.2 seconds. The 77.4 kWh battery pack is paired with a 168 kW (229ps) electric motor powering the rear wheels, and for AWD models a 239 kW (325 ps) electric motor powers the front and rear wheels.

The 58.0 kWh EV6 can accelerate from 0-to-100 km/h in 6.2 seconds, with a maximum 605 Nm torque available on the AWD version. The 58.0 kWh battery pack is paired with a 125 kW electric motor powering the rear wheels, and for AWD models a 173 kW electric motor powers the front and rear wheels.

### **Platform flexibility for electric performance**

Kia's new dedicated E-GMP reduces complexity through modularization and standardization, allowing rapid and flexible development of products with varied attributes. This flexible development can satisfy various customer needs for vehicle performance within a single model line like EV6.

Equipped with 430kW dual motors, the EV6 GT takes electric performance to another level. With a maximum 740Nm torque, the AWD GT version accelerates from 0-to-100 km/h in an eye-watering 3.5 seconds and can reach a top speed of 260 km/h (preliminary development targets). With the addition of electronic-Limited Slip Differential software to the EV6 GT version only, drivers will enjoy confident control and dynamic ride and handling in all conditions.

"The GT version of EV6 demonstrates our technological leadership through its combination of outstanding high-speed charging and acceleration performance like a super sports car. With our dedicated EV platform, there is no need for compromise between inspiring spaciousness and performance," said Albert Biermann, President and Head of R&D Division for Hyundai Motor Group.

## **800V Ultra-Fast Charging**

### **80 percent charge in just 18 minutes; new vehicle-to-load (V2L) function**

The EV6 offers 800V and 400V charging capabilities, without the need for additional components or adapters. The car is capable of a high-speed charge from 10 to 80 percent in just 18 minutes on all variations or a top-up charge of 100km of driving range in less than four and a half minutes when pairing 2WD with the 77.4-kWh battery option.

The car's charging system is more flexible than previous generation BEVs thanks to an Integrated Charging Control Unit (ICCU). The ICCU enables a new vehicle-to-load (V2L) function, which is capable of discharging energy from the vehicle battery. The V2L function can supply up to 3.6kW of power and is capable, as an example, of operating a 55-inch television and air conditioner simultaneously for more than 24 hours. The system is also able to charge another EV, if needed.

With more than 35% charge left in the battery, the EV6 can tow items weighing up to 1,600 kg. Together with the V2L function, EV6 owners can take everything they need on an outdoor adventure with friends and family and do it all with zero emissions.

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## **Energy recuperation**

### **Maximizing driving range and efficiency**

The EV6 is fitted with energy-recuperation technologies to maximize driving range. This includes Kia's latest-generation energy-efficient heat pump, which scavenges waste heat from the car's coolant system. This ensures that at minus seven degrees Celsius the car can achieve 80% of the range that would be possible at 25 degrees Celsius.

Also featured is the latest generation of Kia's smart regenerative braking system, which is operated by paddle shifters behind the steering wheel so drivers can quickly and easily slow the car and recuperate kinetic energy to maximize driving range and efficiency. Drivers can choose from six regenerative braking levels (none, 1 to 3, 'i-PEDAL', or auto mode), depending on the desired level of energy recuperation. The system's 'i-PEDAL' driving mode also allows the car to harvest the maximum amount of energy from its brakes, and enables the driver to bring the car to a gentle halt without needing to push the brake pedal.

## **Technology**

### **New connectivity and infotainment features for the EV age**

EV6 introduces a suite of technologies that enhance safety, connectivity and infotainment. They are designed to make travelling safer, easier and less stressful.

The high-tech infotainment system includes 12-inch dual screens. Curved displays applied to EV6 have thin film panels that utilize new structure and advanced technology for reducing impact of light. The cluster and infotainment system are connected as if they were wrapped around one body with a reinforced glass. Extending from the steering wheel to the center of the car, it displays a digital cluster in front of the driver, and infotainment system above the center console.

The EV6 also features an augmented reality (AR) head-up display system, which projects driving information onto the base of the windscreen in the driver's line of sight. The system displays alerts from the car's Advanced Driver Assistance System, details of vehicle speed, and turn-by-turn navigation instructions.

The latest version of Kia's innovative connected car system 'Kia Connect', previously named UVO, is included, featuring a range of Kia real time services and over-the-air (OTA) updates. Accessible through the touchscreen, Kia Connect allows users to find locations and pricing of EV charging points, view their vehicle's charging status, plan smart charging schedules and check the range radius based on the remaining charge.

A powerful 14-speaker Meridian® surround audio system is also available, a first for a Kia BEV and delivering a truly immersive sound experience. The 14-speaker audio system has been engineered by the experts at Meridian and features several of the British audio pioneer's proprietary digital signal processing (DSP) technologies. Meridian's core sound

philosophy has been integrated into the EV6 allowing customers to enjoy natural, lifelike and authentic audio on the move.

The speaker system also offers Active Sound Design (ASD), a newly-developed feature by Kia which provides drivers with audible feedback to the speed that the car is travelling and controlled via a user interface.

## **Safety and Convenience**

### **Advanced Driver Assistance system with Remote Smart Parking Assist**

The EV6 offers class-leading levels of safety and convenience thanks to its enhanced suite of driver assistance systems (ADAS). They help to reduce many of the inherent hazards and stresses of driving, protecting occupants and other road users on every journey.

Safe Exit Assist (SEA) helps people avoid collisions with a rear side vehicle when exiting EV6. When the occupant opens the door to exit the vehicle after a stop, the system provides a warning if an approaching vehicle from the rear side is detected. SEA also helps keep the rear door closed through operation of the electronic child lock.

Lane Following Assist (LFA) helps center the vehicle in the lane. When driving, LFA can be switched on and off with the press of a button.

Highway Driving Assist 2 (HDA 2) helps maintain a set distance and speed from the vehicle ahead when driving on a highway and also helps center the vehicle in the lane, even through a curve. In case of an adjacent vehicle driving in close proximity, HDA 2 assists to adjust the EV6's path, so to avoid any possible risk of collision. Also, with the driver's hands on the steering wheel and above a certain speed, a click of the indicator stalk will move the car into the corresponding lane.

Remote Smart Parking Assist (RSPA) helps remotely park or exit a parking spot with the driver operating EV6 from outside the vehicle.

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### **Notes to editors**

\*All technical information contained in this press release is correct at the time of writing (30 March 2021) and based on the expected figures to be homologated. Final confirmation is pending homologation.

\*Application of EV6 features may vary depending on country/region.

## EV6 Specifications:

Dimensions				
(Europe model)		<b>EV6</b>	<b>EV6 GT-line</b>	<b>EV6 GT</b>
Wheelbase		2,900 mm	2,900 mm	2,900 mm
Length		4,680 mm	4,695 mm	4,695 mm
Width		1,880 mm	1,890 mm	1,890 mm
Height		1,550 mm	1,550 mm	1,545 mm
Cargo				
Boot/trunk space *EV6 / EV6 GT-line		520 L 1300 L (*when second-row seats are fully folded)		
Front trunk		Non-NA model: 52 L (2WD) or 20 L (AWD) *North America model: 20 L (both AWD & 2WD)		
Performance				
Platform			Electric-Global Modular Platform	
EV6	Long Range 77.4-kWh Battery	AWD	Power	239-kW (Front & Rear combined)
			Torque	605-Nm (Front & Rear combined)
		2WD	Power	168-kW Rear
			Torque	350-Nm Rear
EV6 GT-line	Standard Range 58.0-kWh Battery	AWD	Power	173 kW (Front & Rear combined)
			Torque	605 Nm (Front & Rear combined)
		2WD	Power	125 kW Rear
			Torque	350 Nm Rear
EV6 GT	Long Range 77.4-kWh Battery	AWD	Power	430 Kw (Front & Rear combined)
			Torque	740 Nm (Front & Rear combined)
Features				
Supported Charging Infrastructure		400 V and 800 V (No need for additional adapters)		
Ultra-fast Charging (800V)		10 % to 80 % in 18 minutes of charge 100 km of range (WLTP) in 4.5 minutes of charge		

※ The vehicle specifications and features in this press release may vary depending on country/region.

### Kia Corporation – about us

Kia ([www.kia.com](http://www.kia.com)) is a global mobility brand with a vision to create sustainable mobility solutions for consumers, communities, and societies around the world. Founded in 1944, Kia has been providing mobility solutions for more than 75 years. With 52,000 employees worldwide, a presence in more than 190 markets, and manufacturing facilities in six countries, the company today sells around three million vehicles a year. Kia is spearheading the popularization of electrified and battery electric vehicles and developing a growing range of mobility services, encouraging millions of people around the world to explore the best ways of getting around. The company's brand slogan – 'Movement that inspires' – reflects Kia's commitment to inspire consumers through its products and services.

For more information, visit the Kia Global Media Center at [www.kianewscenter.com](http://www.kianewscenter.com)

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