

GENESIS GV60

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AT A GLANCE

- Genesis GV60 sets new standards in the premium sector
- Brand's bold 'Athletic Elegance' design language evolved for an electric future
- First class performance and exceptional driving dynamics for first Genesis EV
- Bespoke E-GMP platform delivers exceptional EV technology and convenience
- Significant power of up to 490PS, yet capable of up to 321 miles on a charge
- Powerful 800-volt electrical architecture offers exceptional fast charging times
- 10 to 80% charge of battery possible in just 18 minutes
- Innovation as standard, including availability of Digital Exterior Mirror
- Spacious and luxurious interior features bold evolution of 'Beauty of White Space'
- Iconic features include Crystal Sphere and 'Floating centre console'
- Use of interior trims that are made from organic and recycled materials
- Tireless pursuit of perfection creates a unique and compelling character
- Extensive development and tuning on European roads, including confirmation testing at the famous Nürburgring circuit
- Sophisticated twin motor four-wheel drive system with E-LSD available
- Boost Mode and Drift Mode options for even greater driving exhilaration
- Innovative Active Sound Design (e-ASD) delivers three compelling virtual driving sounds
- Genesis Connect offers cutting edge, over-the-air updates and smartphone integration
- Connected Car Integrated Cockpit is the next-generation infotainment system provides
- A pair of high definition 12.3-inch screens deliver the ultimate in clarity and convenience
- Road Active Noise Control (RANC) further enhances sense of calm and premium luxury
- Cutting edge ADAS brings intuitive level 2 autonomous driving for enhanced safety and comfort
- Road Preview and Electronically Controlled Suspension deliver class-leading ride comfort
- On sale from 6 June 2022

The exciting growth and success of Genesis continues with the launch of its first dedicated electric vehicle, all-new GV60, a model that embodies the brand's journey towards electrification. A significant addition to the Genesis family and a bold statement of the brand's pursuit of a sustainable future, GV60 offers unrivalled technology, premium design and driver appeal.

Following the same model naming scheme as the existing Genesis lineup, all-new GV60 is the third SUV model from the brand, with "V" in standing for 'versatility', a quality it shares with both the GV80 and GV70. GV60 embraces an exciting electrified future for Genesis and represents the brand's unwavering commitment to its core values.

Featuring the next step in Genesis' bold Athletic Elegance design language, it also sets a new standard for luxury electric vehicles, with a powerful driving performance that connects it emotionally to customers. This model also delivers unrivalled BEV (Battery Electric Vehicle) technology designed to make the switch to electric mobility a smooth and pleasurable experience to be savoured. With a range of powerful motors and large battery, all-new GV60 goes faster and further, while its state-of-the-art electrical architecture means Ultra Fast charging comes as standard.

"The GV60 is hugely significant for Genesis, being the first car to fully represent the brand's electrified vision as promised to our customers. As result, the GV60 represents the true essence of the brand, marking the point where art and technology converge into perfection to present global high-tech luxury for our customers"

SangYup Lee, Senior Vice President, Head of Global Genesis Brand

Underpinned by the brand's class-leading Electric-Global Modular Platform (E-GMP), all-new GV60 has been extensively developed and honed on European roads over the course of tens of thousands of kilometres challenging driving against established class benchmarks. Once again, Genesis engineers have strived to create new segment standards in agility, driver engagement, refinement and comfort, while ensuring the all-new GV60 has its own, unique Genesis character.

Confirmation testing has also been carried out at the famous Nürburgring circuit in Germany, the 20.8km circuit representing the toughest test for any new car. The tortuously twisting circuit puts unprecedented demands on all parts of the car.

As ever, all-new GV60 provides yet another example of how engineers from Genesis R&D centre in Namyang, South Korea and their European colleagues in Ruesselsheim, Germany, have been working in close collaboration to deliver a truly world class product.

DYNAMIC DESIGN IS NEXT CHAPTER IN 'ATHLETIC ELEGANCE'

All-new GV60 is a high-performance electric vehicle with a sleek and athletic crossover utility vehicle (CUV) design that expands Genesis' 'Athletic Elegance' design identity into the luxury EV (electric vehicle) space.

"The GV60 is the most modern and dynamic incarnation yet of the Genesis design philosophy of "Athletic Elegance". Yet it's also the opening of a new chapter for Genesis, as begins its journey towards a fully electrified future. Already recognised by Red Dot as its Product Design of the Year 2022, the GV60 continues the brand's commitment to creating designs that innovate and create emotional connections"

Luc Donckerwolke, Chief Brand Officer of Genesis brand.

This approach has created an iconic and instantly recognisable car, giving all-new GV60 its own identity while also clearly marking it out as part of the ever-increasing Genesis family. Offering a compelling blend of style and power all-new GV60 creates unbounded mobility experiences that are tailored to modern lifestyles.

Featuring the brand's trademark Quad Lamp graphic, the front design perfectly complements the vehicle's refined and voluminous body. Yet all-new GV60 reinterprets and enhances this signature into a sporty, dynamic double wedge that marks it out as the most athletic Genesis model ever.

Elsewhere, the Genesis signature Crest Grille moves to a lower position to accommodate cooling requirements specific to the dedicated high performance electric platform - an electric specific detail that highlights Genesis' transition to the electric era.

A first for Genesis, all-new GV60 also features a clamshell bonnet design, a single panel which combines the bonnet and wings, creating a sleek profile. All-new GV60 also debuts a new wing logo. Decorated with the elaborate Guilloché pattern often seen in luxury watches, the Genesis badge also features a sleeker design.

All-new GV60 features a distinctive and dynamic silhouette, aerodynamically honed from the nose to the rear spoiler, it creates an athletic profile with a short overhang and a long wheelbase. Seamless and minimal body surfacing combined with a muscular stance gives all-new GV60 an undeniable visual presence.

In addition, the chrome Volt window surrounds, which begin from the top of the windscreen and move towards the rear before finishing in a distinctive V shape, are another design element that

demonstrates the dynamism and non-conformist style of all-new GV60. The shape being reminiscent of a flash of electricity.

All-new GV60 accentuates its cutting-edge look with the bold optional digital exterior mirrors. Using a pair of cameras that are linked to OLED monitors set into the inside of the front doors, this innovation provides a wide, crystal-clear rear side view of the vehicle. The driver's view can be enhanced with features including 'Lane Change Assist Line Display' and 'Reverse Parking Screen Magnification.'

Other highlights include the flush-fitting hidden door handles that automatically pop out when the driver approaches the car with their smart key. As with the digital exterior mirror, these additions enhance aerodynamics.

At the rear, all-new GV60 features a sloping roof profile that ends with a distinctive fixed spoiler that helps reduce aerodynamic drag for enhanced efficiency. Lower down, the muscular shoulder volume of the rear wing emphasises the purposeful stance, further highlighting the car's dynamic, high-performance electric vehicle image.

The finishing touch of all-new GV60 are the Genesis signature Quad Lamps, which reflect the same layout as the distinctive headlamps. Made possible by sophisticated LED lighting technology, these lights are a unique signature of Genesis design, helping its cars create a distinct identity.

THE 'BEAUTY OF WHITE SPACE' MEETS THE FUTURE OF ELECTRIC VEHICLES

The interior design of all-new GV60 is a bold evolution of Genesis' design ethos of the 'Beauty of White Space', inspired by traditional Korean architecture. Balancing elegant premium design and exceptional craftsmanship with spaciousness and state-of-the-art technology, all-new GV60 meets the demands of an active and connected lifestyle.

"From the 'floating' centre console to the Crystal Sphere, the interior design of all-new GV60 combines high technology with an iconic design. It represents the latest interpretation of the Genesis 'Beauty of White Space' philosophy that places the customer at the heart of the car, meeting their every need, from comfort to communication,"

Luc Donckerwolke, Chief Brand Officer of Genesis brand.

At the same time, its floating architecture and exquisite details combine to create a unique look among the Genesis family. At the heart of all-new GV60's interior is the Crystal Sphere, set into the floating centre console. A compelling design element, it also helps create an emotional connection between the driver and the vehicle.

When all-new GV60's electrical systems are turned off, the Crystal Sphere becomes the vehicle's mood lighting, adding to the aesthetic of the driving experience by delivering a calming

glow to the cabin. When the car is ready to drive the sphere rotates 180° to reveal the Shift By Wire controller, creating a compelling atmosphere of futuristic mobility.

The Crystal Sphere also acts as a safety feature, clearly indicating whether the vehicle is turned on or not. This is important for a vehicle as silent as an electric car, where the only indication of the car's current state are the indicators on the instrument cluster. When charging, the Crystal Sphere is not able to be rotated into driving mode, providing an easy reminder of GV60's current state.

Between the front seats of all-new GV60 is the 'floating' centre console which, at a glance, appears to be hovering in the air. In combination with other unique features, such as the slim cockpit and flat floor, it helps provide occupants with an unparalleled sense of space and luxury. Not only does it house the Crystal Sphere, it features intuitively placed hard button shortcuts for all-new GV60's frequently used functions.

Sitting above this is all-new GV60's next-generation infotainment system – the Connected Car Integrated Cockpit – that combines a 12.3-inch digital instrument cluster with an identically-sized infotainment screen to create a neatly integrated single panoramic display that blends a high-tech look with outstanding usability. Placed directly ahead of the driver, it creates an immersive and intuitive layout that places them at the heart of the driving experience.

Elsewhere, the physical switchgear has been carefully kept to a minimum, both for a cleaner look and ease of use. Wireless phone charging is standard and there are five USB ports - two USB-C and one USB-A in the front, plus two USB-C in the rear - ensuring all occupants' devices are always charged, allowing them to remain connected on the move.

Comfort inside all-new GV60 begins with ample space for every occupant, including unrivalled headroom and legroom for up to five occupants, the uncluttered aesthetic further enhancing the expansive feeling of space. With a totally flat floor and the 'floating' centre console, all-new GV60 offers occupants space to stretch out and relax in true luxury.

The sense of calm in all-new GV60 is enhanced by the use of cutting edge sound engineering to deliver a soothing environment. Acoustic glass is used in the windscreen and front doors, while the specially developed tyres feature a lightweight foam insert that helps radically reduce the amount of road noise in the cabin.

In addition, careful attention has been paid to the windscreen surround, door mirrors and rubber seals, all of which have been honed to keep wind noise to a minimum. The use of hydro mount bushes (springs with integrated hydraulic damping) for some of the suspension components and subframes has further helped eliminate unwanted noises, helping engineers tune create an interior that delivers exceptional refinement

All-new GV60 is also available with Genesis' state-of-the-art Road Active Noise Control (RANC) technology. Using the audio system's speakers, the RANC processor develops the necessary opposing frequencies to those coming into the cabin, eliminating unwanted sounds.

Innovative technology and class-leading comfort also combine in all-new GV60's optionally available advanced Preview ECS. Working in combination with the Electronically Controlled Suspension damping, this feature further enhances the ride by using a front facing camera to gather information about the road ahead and automatically ensure the adaptive dampers are precisely primed to reduce body movement and wheel impact harshness over road obstacles, such as speed bumps.

Another innovation for all-new GV60 is the Relaxation Comfort front seats which offer exceptional driver and front passenger comfort while charging or parking the vehicle. At the touch of a button the seats can be fully reclined, allowing occupants to luxuriate and stretch out in all-new GV60's calming and spacious interior, helping reduce stress levels and fatigue

For the driver, there's also the option of the Ergo Motion Driver's Seat, which features seven air cells each, which can be adjusted to ensure maximum comfort and posture. Seat ergonomics are also optimized according to drive mode. In Comfort, side support is less pronounced, while Sport mode delivers firmer side bolstering. Recognized by Germany's AGR (Aktion Gesunder Rücken, or Campaign for Healthier Backs) for its ergonomic design, this seat minimizes fatigue and ensures unrivalled comfort.

While all-new GV60's uncluttered design demonstrates the trademark restraint of traditional Korean 'Hanok' houses that balance simplicity and strength, luxury abounds. For example, various components of the interior, including the Crystal Sphere, the steering wheel boss, the door handles, and the door mirror controllers, are decorated with the same, eye-catching circular embellishments.

Further nods to all-new GV60's unrivalled pursuit of premium excellence include the passenger seat door handle diffuser. Linked to the standard two zone climate control, this addition helps keep the cabin environment refreshing using a membrane-type air diffuser that's subtly integrated into the grab handle on the passenger door.

With two seating materials, including optional top-grade Nappa leather with G-Matrix quilted finish and contrast piping. There are also three seat designs, including a specific sports seat for the Sports Plus model that features enhanced support when enjoying the car's exceptional dynamic performance on the road.

Throughout GV60 various interior components have been created with eco-friendly and recycled materials. For instance, door cards feature fabrics made of up to 15% recycled PET and nylon yarn, while at least 15% of the Nappa leather used for the seats, door armrests and centre console is made from polymers extracted from natural products such as corn.

Comfort is further enhanced by the availability of heated and ventilated front seats, plus rear, heated rear seats and a heated steering wheel are optional. Side blinds for the rear windows are also available, allowing rear seat passengers to quickly and easily shade themselves from the sun as well as enjoy enhanced privacy.

Lighting is key to enjoying any environment and so all-new GV60 offers an optional and expansive panoramic glass roof to let light in, while at night customizable ambient lighting helps set the mood

All-new GV60's bespoke electric vehicle platform design also provides ample space for rear seat occupants, while comfort is further enhanced by the reclining rear seatbacks. The totally flat floor layout helps bolster the sense of luxury and space, allowing those in the back to stretch out in complete freedom.

A standard smart powered tailgate allows for fuss-free access to the luggage compartment, even with your hands full. It is also possible to adjust the power tailgate's opening height to your desired preference to improve its usability.

Furthermore, features such as 60:40 folding rear seats provide exceptional space utilization, while the multi-folding luggage board boosts flexibility by dividing up the space and allowing the secure storage of items.

Carefully curated customisation

The lavishly equipped all-new GV60 can be further enhanced with a range of option packages that have been carefully selected to meet a wide range of owner needs. Bringing together desirable combinations of features, these upgrades can be specified to deliver the ultimate in personalisation.

- Innovation Package - Highlighting all-new GV60's cutting edge tech, it adds features such as matrix LED headlamps, a head-up display and a host of advanced driver safety aids, including Highway Driving Assist II (HDA II).
- Comfort Seat Package - Enhancing the unparalleled luxury and comfort with ventilated, heated and memory Premium Relaxation front seats, an ErgoMotion driver's seat and ambient lighting.
- Second row Comfort Seat Package - Helps creates an even more relaxing ambience with additions such as laminated side glass, retractable blinds, heated seats and a rear seat occupancy sensor.
- Nappa Leather Seat Pack - even greater luxury with a use of both real leather and recycled material fabrics, extended suede trim and aluminium trim inserts.
- Bang & Olufsen Audio System Pack - 17-speaker hi-fidelity sound system upgrade that features state-of-the-art Road Active Noise Control (RANC) technology.
- Outdoor Pack - Vehicle to load inside socket and outside plug, plus roof rails

In addition to these packs are a number of standalone options, including 21-inch alloy wheels, a panorama vision roof and the digital exterior mirrors.

All-new GV60 is available in a total of 15 colours, including two new shades: São Paulo Lime and Hanauma Mint. Other colors include Vik Black, Uyuni White, Matterhorn White, Saville Silver, Himalayan Grey, Melbourne Grey, and Royal Blue.

As final exterior flourish, the brake calipers can be finished in one of three different colours. On RWD and AWD models there's a choice of White or Copper, while for the Performance AWD owners can select eye-catching Lime.

For the interior, there is a choice of five colour themes: Obsidian Black, New Navy, Ash Gray/Glacier White, Monstera Green/Camel Beige and Monstera Green/Glassier White.

INNOVATIVE TECHNOLOGIES TAKE CENTRE STAGE

All-new GV60 is equipped with innovative and class-leading technologies that provide a unique electric vehicle experience. Features such as Fingerprint Authentication System and Over-the-Air (OTA) Software Update allow drivers and occupants to experience a seamless digital and connected experience.

All-new GV60 is at the forefront of connected mobility, allowing owners to include their car into their increasingly sophisticated digital ecosystems. From fingerprint authentication to over the air updates, all-new GV60 integrates seamlessly into the busy and active lives of its owners"
Luc Donckerwolke, Chief Brand Officer of Genesis brand.

Innovation and biometric technology combine with all-new GV60's Fingerprint Authentication. Once your fingerprints are registered through the infotainment system, you can set up a customised profile. This includes adjusting the positions of the driver's seat, steering wheel and head-up-display as well as updating the navigation system's recent destinations and infotainment sound volume settings.

All-new GV60 is also the first Genesis to feature Connected Car Integrated Cockpit, the next-generation infotainment system that provides ultimate convenience and usability. Made up of a pair of high definition 12.3-inch screens, Connected Car Integrated Cockpit seamlessly links the instrument dash and navigation screen into a panoramic display that shares all content with the HUD (Head Up Display). Featuring a full colour display, the HUD allows safer and more relaxing progress by placing vital information in the driver's eyeline.

The cluster connected to navigation provides key information for safe driving via a three-view display for maps and navigation. This set-up enables drivers to easily grasp a variety of information related to driving, phone calls, media, voice recognition, and more through the cluster's split screens that integrate all the information on trip computer and navigation systems.

As with other Genesis models, an augmented reality view overlays vital information on a real-time image beamed from a front facing camera. In the sat-nav function it can preview the direction of the next turn, plus deliver carpet view, distance and turn point instructions.

Safety is also enhanced by a link to the Lane Departure Warning and Forward Collision systems, with visual alerts displayed on the screen to inform the driver when they are moving out of a lane or the traffic ahead slows suddenly.

With all-new GV60, the Genesis OTA Software Update has been further expanded to include a variety of areas. Previously, this function was used to wirelessly update infotainment system features, such as navigation, the digital instrument cluster, and the Head-Up-Display (HUD). Now the system has been expanded to other key areas of the vehicle, enabling additional software updates on major electronic devices including the electric vehicle integrated control device, suspension, brakes, steering wheel, and ADAS (Advanced Driver Assistance Systems).

The Genesis Connect system also features a range of On-Board Services, including live traffic information, weather forecasts, points of interest (POIs), fuel prices, and details of potential on- and off-street parking – including price, location and availability. Online Voice Recognition allows users to search for POIs, addresses, weather updates, Control Vehicle related functions or send text messages with voice commands.

With the state-of-the-art Genesis Connected Services, smartphones can be used to monitor and control various aspects of all-new GV60. The doors can be remotely locked or unlocked, plus diagnostic tests can be run and live information, such as current battery level, can be viewed. It is also possible to monitor individual journeys, allowing drivers to refine their driving technique to deliver greater efficiency.

Furthermore, Last Mile Navigation allows customers to continue navigating to their journey's final destination, even after they have parked and left the car behind, by relaying their onward journey instructions to their smartphone.

The new 'User Profile Transfer' feature enables users to back-up their in-vehicle Genesis preferences via the cloud and transfer settings from one vehicle to the next. Designed for customers who often switch between different Genesis Connect-equipped cars, such as fleet drivers who use pool cars, or families with more than one Genesis Connect-equipped Genesis in their household, this technology adds further comfort and convenience.

In addition, all-new GV60 will be available with Digital Key, which enables drivers to open the door and prime the vehicle to start without using either the key fob or their smartphone. Crucially, this functionality can be shared with up to three people, enhancing convenience for those with busy lifestyles.

All-new GV60 is also the first Genesis model to feature a Bang & Olufsen sound system with 17 speakers. Designed in collaboration with the world-class Danish audio company founded in

1925, the system has been carefully tuned to deliver high fidelity audio that offers customers the best listening experience.

With a tap of their finger, customers can access Bang & Olufsen's dedicated sound stage control interface, allowing them to choose a sound mix (Relax, Energetic, Bright, and Warm) that suits the chosen music and mood.

This high-end audio upgrade also looks as good as it sounds, with each speaker being set behind an aluminum grille that features the distinctive Genesis' G-Matrix pattern. Not only does these additions emphasize the all-new GV60's sophisticated design, the cool materials and intricate finish further enhance the sense of luxury.

ALL-NEW GV60 AND THE ELECTRIC-GLOBAL MODULAR PLATFORM

All-new GV60 is Genesis' first vehicle to be built on the brand's dedicated Electric-Global Modular Platform (E-GMP) electric vehicle platform. Designed from the ground up to support electrification and featuring a cutting edge 800 V architecture, it features bold and innovative design solutions that benefit driving performance, space efficiency and safety.

With the E-GMP platform, Genesis has the perfect foundations for exceptional vehicle dynamics, with a low centre of gravity and perfect weight distribution. Its clean sheet design approach has resulted in all-new GV60 benefitting from a cutting edge electrical architecture that through its 800V capability offers unrivalled charging and convenience. It's also a strong and rigid platform with expectational safety credentials"

Tyrone Johnson, Director, Vehicle Development at Genesis Brand

With its powerful driving performance, increased driving range, ultra fast charging capability, strengthened safety features, and more interior space for occupants and luggage, E-GMP gives all-new GV60 a number of crucial advantages over rivals models.

For instance, thanks to its low-mounted battery pack mounted between the front and rear axles, all-new GV60 delivers optimal weight distribution and a low centre of gravity. This delivers both improved cornering performance and driving stability at high speed.

The platform also secures battery safety through a support structure made of a combination of ultra-high strength steel and hot-stamped steel components. In a collision, energy-absorbent sections of the body and chassis combine with effective energy load paths to effectively protect occupants from the impact.

Furthermore, by strengthening the structure of all-new GV60's load support section, located in front of the dashboard, engineers have been able to minimise collision energy to the power electric system and battery. The A-pillar's load distribution structure also prevents deformation of the passenger cell.

E-GMP helps maximize all-new GV60's interior space through its long wheelbase, short front and rear overhangs. And by locating the battery pack mounted beneath the floor, all-new GV60 benefits from a cabin with completely flat floor, providing more legroom for passengers and an enhanced sense of space.

All-new GV60 also features a unique MacPherson strut with split lower arm front suspension system for the front wheels and a five-multi-link axle at the rear. Handling, comfort, and stability are further enhanced by the use of an advanced rack-mounted EPAS (Electric Power Assisted Steering) system that features a variable ratio for low speed agility and high-speed stability.

NEW BATTERY TECHNOLOGY FOR A STRESS-FREE PREMIUM EV EXPERIENCE

With all-new GV60, every detail has been carefully considered to make the switch to electric vehicles as effortless and user-friendly as possible. Featuring state-of-art electrical hardware and software, all-new GV60 houses a multi-charging system that provides stable and straightforward recharging of the battery across a wide range of chargers, including fast, rapid and ultra fast devices.

At the heart of all-new GV60 is a powerful electrical architecture that enables 800 V and 400 V charging without the need for additional components or adapters. This patented technology operates the motor and the inverter to boost 400V to 80 V, allowing for stable charging regardless of the infrastructure.

When charging at 240 kW with the ultra fast charging function, the battery can be charged from 10% to 80% in just 18 minutes.

All-new GV60 also features a unique battery conditioning function that manages the battery's temperature to ensure optimal conditions. The state-of-the-art system not only preheats the cells to secure better performance when the battery temperature is low, but can also shorten the amount of charging time by adjusting the battery temperature.

Further evidence of the attention to detail that has gone into all-new GV60 is the inclusion of the electronic powered-opening charging flap. Operated manually, with the smart key or even using voice control, it opens to reveal an eight-level battery charge indicator, allowing owners to confirm at a glance the current state of charging.

Finally, thanks to its unique V2L (Vehicle to Load) function, all-new GV60 can also be used as a mobile power source. Supporting a 3.6 kW charge, which is higher than the power supply to a domestic socket, it gives owners the freedom to use electricity regardless of location when camping or enjoying outdoor activities. From laptop computers to electric bicycles, all-new GV60 can keep them topped-up and ready to go when customers are out and about.

AN EXCEPTIONAL EV DRIVING EXPERIENCE

As the first Genesis built around a dedicated electric platform, all-new GV60 effortlessly marries driving range and high performance with luxury and comfort. By accentuating the key dynamic advantages of an electrified powertrain, all-new GV60 sets new standards for the segment.

"With exceptional performance from its electric powertrain, all-new GV60 marks the next chapter in the brand's pursuit of dynamic excellence. The inherent advantages of the E-GMP platform help enhance the brand's reputation for delivering a calming sense of comfort and refinement. Yet driver engagement and dynamic handling remain at the heart of the car's appeal car's appeal, the pleasing connection between driver and car remaining a Genesis hallmark"
Tyrone Johnson, Director, Vehicle Development at Genesis Brand

At the heart of all-new GV60 is the E-GMP architecture, which is available in both two and four-wheel drive layout and with three different power outputs*. On the Premium model, a motor mounted on the rear axle drives the rear wheels, while four-wheel drive models feature a second motor on the front axle.

Each motor utilises the brand's new power electric (PE) system, which consists of the motor itself, an EV transmission and inverter. These three components are integrated into a single compact module, which ensures exceptional performance by raising the motor's maximum speed by up to 70% compared to existing motors. Furthermore, this layout gives efficiencies in both space and weight.

On top of this, all-new GV60 delivers unrivalled performance, with instant and powerful acceleration that's delivered in a seamless and near-silent surge. Yet this power can be accessed with a level of accuracy and control unheard of in an internal combustion engined car, creating a sense of confidence and calm to go hand-in-hand with the thrilling acceleration.

All versions of all-new GV60 feature a powerful 77.4 kWh lithium battery, which is mounted under the floor of the E-GMP platform. Not only does this location deliver exceptional packaging for maximum interior space and provides a low centre of gravity and excellent weight distribution, it delivers exceptional range and is capable of being charged at up to 350 kW, allowing an 80% charge to be achieved in just 18 minutes.

The standard RWD* model is equipped with a rear-mounted motor that delivers 168 kW (229 PS) and a maximum torque of 350 Nm with an impressive WLTP range of 517 km. Strong performance comes as standard, with the 0-62mph sprint taking just 7.8 seconds.

For the Sport AWD version of all-new GV60, a 160 kW (218 PS) motor drives the rear wheels and a 74 kW (100 PS) motor delivers power to the fronts. Combined, the system delivers a total

power output of 234 kW (318 PS) and maximum torque of 605 Nm. This combination serves-up a WLTP range of 470 km and will accelerate from 0-62mph in only 5.5 seconds.

Sitting at the top of the all-new GV60 line-up is the Sport Plus AWD model, which is aimed at customers seeking the ultimate in driving enjoyment. Featuring a pair of 160 kW (218 PS) motors for the front and rear wheels, it delivers a stunning combined output of 320 kW (435 PS) and muscular torque figure of 700 Nm. Performance is explosive, with the 0-62mph benchmark taking just 4.0 seconds. Yet this model is also capable of travelling 466 km on a single charge.

Enhancing the excitement of Performance AWD versions is a unique Boost Mode that helps give the vehicle an even more dynamic and luxurious feel on the road. Accessed using a button on the steering wheel, this feature instantly unleashes an additional 40 kW for around 10 seconds, taking power to an incredible 360 kW (490 PS) for even faster and safer overtaking or quicker acceleration from a standing start.

In addition, customers of the Sport Plus are able to option the innovative Drift Mode that creates an even more dynamic and athletic driving experience. Designed for use in the controlled environment of a closed road or race track, this state-of-the art system automatically optimizes the distribution of driving power and the stability control system to assist the driver in sliding all-new GV60 through corners.

Furthermore, the electronic-Limited Slip Differential (e-LSD) fitted to the Sport Plus allows an optimal amount of torque to be distributed to the wheels, improving grip when cornering and traction when moving away from a standstill. This is particularly useful when driving on slippery roads, such as in snowy weather or when it's raining.

On top of its dynamic performance, all-new GV60 also delivers the refined and luxurious driving experience that has become a Genesis hallmark. Using a suite of Innovative and thoughtful features, all-new GV60 enhances driving pleasure, comfort and efficiency whatever the road conditions.

For example, all-new GV60 is the first Genesis model to feature advanced electric Active Sound Design (e-ASD). By monitoring the vehicle's speed, the position of the accelerator pedal and the selected driving mode, this state-of-art feature delivers various virtual driving sounds through the speakers of the audio system.

Three sounds are available, with each capable of being customized by the driver to suit their preferences in terms of detailed volume control and pedal response. The 'Futuristic' setting symbolizes the direction of future mobility, while the soft and sporty 'G-Engine' sound aims to evoke the noise and character of an internal combustion engine. Finally, the 'E-Motor' sound reimagines all-new GV60's authentic electric motor sounds,

In addition, all AWD models benefit from the Genesis Disconnecter Actuator System (DAS), which can quickly and smoothly connect or disconnect the front motor from the drive wheels.

This allows all-new GV60 to freely switch between RWD and AWD depending on the system requirements, minimizing power loss and ensuring efficient driving.

This system works in tandem with the Smart Regeneration System 2.0, which helps fine-tune energy regeneration by automatically adjusting the regenerative braking capability according to traffic data and navigation map information. In doing so, it more effectively channels energy that would otherwise be lost back into the battery, enhancing GV60's already strong range.

Another innovation for all-new GV60 is the i-Pedal (Intelligent Pedal) mode, which allows the driver to accelerate, decelerate, and stop using just the accelerator pedal alone. Not only does the i-Pedal allow a more intuitive and relaxing way to drive, it improves efficiency by maximizing the amount of energy that is harvested when slowing, feeding it back into the battery. By using the steering wheel-mounted paddle shifters, the braking force can also be adjusted to suit the driver's preference and road conditions, with three different modes available.

Crafted in Korea, honed in Europe

From the outset, all-new GV60 has been developed to meet the needs of the most demanding customers and deliver a compelling premium driving experience that effortlessly balances agility and comfort. Underpinned by the cutting edge E-GMP chassis technology, all models provide composed and engaging handling as well as exceptional comfort and refinement.

Once again, Genesis engineers have covered tens of thousands of kilometres testing on some of Europe's toughest and most challenging roads to provide all-new GV60 customers with a rewarding driving experience benchmarked against rival premium electric SUVs, all-new GV60 has exceeded expectations and is every inch a Genesis on the road.

Close attention has been paid to the EPAS (Electronic Power Assisted Steering), with careful calibration resulting in exceptionally natural response and weighting. The variable ratio steering rack delivers a connected and confidence-inspiring feel and agility through tight corners without compromising all-new GV60's exceptional high speed stability.

Much of all-new GV60's engaging character on the road can be attributed to its unique MacPherson front suspension with split lower arms. Featuring light and strong aluminium lower arms, this set-up allows greater fine-tuning and even more favourable geometry, helping deliver even greater driving pleasure by eliminating undesirable torque reactions. What's more, this layout also enhances comfort and refinement through superior bump absorption and longer travel, and by transmitting less noise and fewer vibrations.

Also under the microscope were the standard passive dampers, which feature a novel frequency wave selective valve system. Depending on the road surface and the load through the suspension, this system can quickly adjust the damping forces to maintain comfort without sacrificing body control when the car is driven dynamically.

Elsewhere, fine tuning of optional state-of-the art electronically controlled adaptive dampers has further enhanced all-new GV60's exceptional ride comfort and handling, as has the use of bespoke spring rates for the front and rear suspension. All this has been achieved through exhaustive evaluation on some of the most challenging road surfaces in Europe and confirmation testing at the Nurburgring in Germany.

Further contributing to all-new GV60's agile and assured handling are the use of Genesis-developed Michelin tyres. Sport Plus models feature 21-inch wheels that benefit from the high performance Michelin Pilot Sport 4 EV tyre, which has been tuned specifically for all-new GV60 to deliver exceptional grip and driver feedback without sacrificing ride comfort. Featuring a lightweight foam insert that reduces the amount of road noise, this tyre also offers exceptional rolling refinement.

GENESIS MAKES SAFETY A PRIORITY

In keeping with the Genesis brand's commitment to cutting edge safety technology, all-new GV60 features innovative and class-leading active and passive safety systems. GV60 is engineered to meet the latest EuroNCAP regulations and also strives to deliver excellent crash protection.

Smart Cruise Control (SCC) is standard and automatically adjusts throttle and braking to maintain a set distance from vehicles ahead. Highway Driving Assist (HDA) can assist with steering movements to automatically keep the vehicle in its lane. Further autonomous technology comes in the form of the Stop & Go function that can bring all-new GV60 to a stop in traffic and then accelerate away again without any driver intervention.

This system is further enhanced on all-new GV60 by its integration with the satellite navigation, using mapping data to analyse the road ahead and check that your cruising speed is appropriate on motorways and dual carriageways. If it detects an obstacle such as a sharp bend up ahead, the car will automatically decelerate to keep your speed within safe limits, before accelerating back up to your selected speed once it is safe to do so.

The Forward Collision-Avoidance Assist (FCA) not only reduces the risk of collision with stationary vehicles in the same lane, it also features Junction Turning and Junction Crossing Functions. In addition, the Evasive Steering Assist will actively help turn the car away from a potential collision.

The Multi-Collision Brake (MCB) automatically activates the brake if the driver temporarily loses control of the vehicle after a first collision. The Pre-Active Front Seat Belt protects passengers by fastening the seat belt in advance when encountering a dangerous situation.

Like all Genesis models, a front centre airbag is fitted as standard. Located in the driver's seat on the centre console side, this airbag deploys in just 0.03 seconds in the event of a side collision to help prevent the two front passengers from colliding with each other. In total, all-new GV60 features eight airbags as standard.

Another technological highlight is the Remote Smart Parking Assist (RSPA), which allows you to remotely park in, or leave, a tight space simply by pressing the button on the key fob. Activated from outside the vehicle, it works for both parallel and perpendicular parking.

All-new GV60's state-of-the-art, advanced driver-assistance systems (ADAS) include the availability of:

- Highway Driving Assist II (HDA II): This system helps assist the driver in a wider variety of situations than before, including during lane change maneuvers when the turn signal is used, and when others merge in front of you.
- Smart Cruise Control with Machine Learning (SCC-ML): A world first, SCC-ML incorporates artificial intelligence (AI) within the Advanced Driver Assistance System (ADAS) feature that helps the car to independently learn the driving characteristics of its driver.
- Forward Collision-Avoidance Assist (FCA): This system may help automatically bring all-new GV60 to a stop in certain situations where there is a risk of collision with an approaching vehicle detected on the left or right side of the intersection. GV60 may also help detect potential collision risks in certain situations where a pedestrian is sensed in close proximity to the vehicle while in motion, for example.
- Blind-Spot Collision Avoidance Assist (BCA): BCA is essentially a Blind Spot Monitor with active capabilities. BCA helps reduce the chance of potential impact with a moving vehicle and may alert the driver if a vehicle is detected in the driver's blind-spot
- Lane Follow Assist (LFA) - Helps maintain vehicle position in the center of its lane by recognizing both lane markers and vehicles traveling ahead
- Safe Exit Assist with Power Child Lock Function (SEA)
- Junction Turning (JT) — Automatically applies the brakes if an oncoming vehicle is detected in the opposite lane when making a left turn at a junction.
- Junction Crossing (JC) — Automatically applies the brakes if a vehicle crossing from the left or the right is detected when entering a junction.
- Rear Cross-Traffic Collision Avoidance-Assist (RCCA) — Warns driver of vehicles coming from the left or right while backing up and automatically brakes if a collision seems imminent

*Not available in all markets

**Available from Q4 2022

TECHNICAL SPECIFICATIONS

| | | 168kWh RWD Single Motor Premium | 160kWh RR + 74kWh FF AWD Dual Motor Sport | 180kWh RR + 180kWh FF AWD Dual Motor Sport Plus |
|---|--------|---------------------------------------|---|--|
| Body | | | | |
| No. of doors/seats | | 5/5 | | |
| Length/width/height | mm | 4,515 x 1,890 x 1580 | | |
| Wheelbase | mm | 2900 | | |
| Front overhang | mm | 830 | | |
| Rear overhang | mm | 785 | | |
| Ground clearance | mm | 160 | | |
| Minimum turning circle | m | 11.94 | | |
| Mass in running order (minimum) | kg | 1975 | 2095 | 2145 |
| Max. laden mass | kg | 2495 | 2610 | 2660 |
| Boot volume, rear seats folded | litres | 1550 | | |
| Boot volume, behind rear seats up to roof | litres | 680 | | |
| Boot volume, behind rear seats below windowline | litres | 432 | | |
| Boot volume front (frunk) | litres | 53 | 20 | 20 |
| Coefficient of drag (Cd) | | 0.29 | | |
| Max. towable mass (Braked / Unbraked) | kg | 1600/750 | | |

| | | | | |
|---------------------------------|------------|---------------------------------------|--|---|
| Battery | | | | |
| Type of battery | | Li-ion | | |
| Gross Battery Capacity | kWh | 77.4 | | |
| Range (WLTP) | Miles (km) | 321 (517) | 292 (470) | 290 (466) |
| Weight | kg | 478.75 | | |
| Operating Voltage | Volts | 697.0 | | |
| On Board Charger capacity | kW | 7 (Single-phase) / 10.5 (Three-phase) | | |
| Motor | | | | |
| Max. output (Front / Rear) | PS (kW) | rear motor: 229PS (168.1kW) | Front motor: 100PS (73.9kW) Rear motor: 218PS (160kW) | Front motor: 245PSs (180kW) Rear motor: 245PS (180kW)* |
| Combined max. output | PS (kW) | 229PS (168) | 320PS (234) | 490PS (320) |
| Max. torque | Nm | 350 | 605 | 700 |
| Charge Time | | | | |
| Domestic Charge (AC) | | 34h 20m | | |
| AC Standard (10% -> 100%) | 230V 16A | 7h 20m | | |
| DC Quick Charge (0% -> 80%) | 50kW | 73m | | |
| AC Quick Charge (10% -> 80%) | 350kW | 18m | | |
| Suspension, and steering | | | | |
| Suspension front | | McPherson twin arm | | |
| Suspension rear | | 5-link Multi-link | | |
| Brake type, front | | ventilated /360mm | | |
| Brake type, rear | | ventilated / 360mm | | |
| Euro NCAP rating | | tbc | tbc | tbc |

| | | | | |
|--|---------------|------------------------|------------------|------------------|
| Steering ratio | | 12.57 | | |
| Turning radius | | 5.97 | | |
| Tyres, front/rear | | 235/55 R19 | 244/45 R20 | 255/40 R21 |
| Rims, front/rear | | 8.0J x 19 TYPE A | 8.5J x 20 TYPE A | 8.5J x 21 TYPE A |
| Transmission | | | | |
| Drive type | | RWD | AWD | AWD |
| Transmission Type | | Single Speed Automatic | | |
| Gear ratios | I | 2263 | | |
| | Rev | 2263 | | |
| Performance | | | | |
| Acceleration 0-62mph (0–100 km/h) | secs | 7.8 | 5.5 | 4.0 |
| Acceleration 50-75mph (80–120 km/h) | secs | 5.1 | 3.7 | 2.5 |
| Top speed | mph (km/h) | 115 (185) | 124 (200) | 146 (235) |

*when using Boost Mode which adds 20kW for 10 seconds

As a premium brand, Genesis strives to create the finest products and services for connoisseurs worldwide. Embodying its unique design language “Athletic Elegance,” Genesis continues to strengthen a range of cars and services to appeal to a broader range of consumers. The brand was launched first in South Korea and following success in the U.S., Canada, Russia, the Middle East, Australia and Europe. Genesis is one of the highest-ranked brands in the automotive industry by respected third-party experts including North American Car of the Year, Consumer Reports and J.D. Power. Genesis is the only brand with a full product range to achieve IIHS Top Safety Pick+.

For more information on Genesis and its definition of premium, please visit www.genesis.com. Please visit our media site for the latest global news at media.genesis.com.