NEW GENESIS ELECTRIFIED GV70 (MY25)

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1. SPECIFICATION HIGHLIGHTS

- Elegant and dynamic, all-electric luxury SUV introduces comprehensive exterior and interior upgrades
- Now available in a choice of three specifications in the UK: Pure, Dynamic and Luxury
- Upgraded 84.0 kWh lithium-ion battery delivers extended WLTP range of up to 298 miles
- Advanced 800-volt architecture delivers exceptional fast charging and flexibility
- Under optimal conditions, Electrified GV70 can be charged from 10 to 80% in just 19 minutes with ultra-fast charging
- Charging performance consistent even in lower temperatures, thanks to intelligent battery heating system, now with manual activation via the infotainment screen
- Heat pump as standard on all models for efficient cabin and battery temperature management
- Highly advanced selectable Virtual Gear Shift technology, simulating the behaviour of a conventional gearbox and offering a deeper level of control and engagement
- Powerful 360 kW dual motor powertrain with exceptional performance, refinement and comfort
- Up to 490PS peak power in Boost mode, with Smart Regenerative Braking 2 and iPedal
- Driving modes adjust powertrain and brakes for extra grip on Snow, Sand or Mud
- New AI-powered Auto Terrain mode analyses road conditions in real-time and automatically adapts the car to optimum settings
- Redesigned Electrified GV70 embodies Genesis' trademark Athletic Elegance design philosophy
- Sharpened new look brings a new level of sophistication with newly designed G-Matrix Crest grille with heated & electric-folding charging cover, redesigned front bumper, and Micro-Lens Array headlights as standard
- 19" and new 20" diamond cut alloy wheel designs
- A choice of 13 colour options including Matte, Metallic, Pearl and Solid finishes
- Spacious and luxurious interior with sustainable premium materials and elegant design
- New integrated 27" connected car Integrated Cockpit (ccIC) combines the driver information and infotainment screens to create a seamless panoramic display
- Extended soft-touch materials across the dashboard and centre console with brushed aluminium accents and new Mood Curator, elevating luxurious ambience
- Genesis Connect Services (GCS) allows over-the-air updates and smartphone integration
- Digital Key 2 and Fingerprint Authentication offer convenient and secure keyless access
- Centre console armrest storage compartment with UV light-sanitising technology
- Available to order via Genesis Studios, Genesis Personal Assistants and Retail Partners

2. INTRODUCTION

GENESIS ELECTRIFIED GV70: THE COMPREHENSIVELY ENHANCED FLAGSHIP ALL-ELECTRIC SUV

A dynamic, desirable all-electric SUV that blends dynamic performance with effortless convenience and luxury, Electrified GV70 arrives ahead of the new GV60 and Electrified G80 to complete Genesis' new all-electric range in Europe.

With refined, elegant design and exceptional advanced technologies, the new Electrified GV70 underlines its position as the flagship SUV from Genesis. An evolution of the sophisticated first-generation model launched in 2022, which has established itself as Genesis' most popular model in Europe, the enhanced Electrified GV70 represents an even more enticing proposition.

Alongside a new 84 kWh battery delivering extended WLTP range of up to 298 miles, Electrified GV70 is equipped with advanced new features including Virtual Gear Shift, a new integrated 27'' connected car Integrated Cockpit (ccIC) and Bang & Olufsen Premium Audio with noise cancellation technology. The exterior and interior design has also been elevated, advancing the brand's 'Athletic Elegance' design philosophy.

The new model has been subjected to extensive testing and development against established class benchmarks, and features some of the most advanced BEV (Battery Electric Vehicle) technology available, helping it deliver exceptional standards for performance, range and charging.

Featuring unique styling cues, recycled and natural materials and advanced 800 V architecture, Electrified GV70 establishes new standards in the premium BEV segment.

Over the course of tens of thousands of kilometres development against class benchmarks, Genesis engineers have honed Electrified GV70's suspension and drivetrain to deliver exceptional driver engagement, refinement and technology.

Electrified GV70 delivers powerful driving performance that helps form a strong emotional connection with customers. Under the skin, state-of-the-art BEV technology has been designed to make the switch to electric mobility a smooth and pleasurable experience.

All models feature a powerful dual motor powertrain producing up to 490 PS, offering an electrifying performance without compromising on comfort, while the advanced electrical architecture means ultra-fast charging comes as standard.

The attention to detail, passion and excitement that underpin Electrified GV70 are also the hallmarks of the Genesis brand and the results of a decade long commitment to deliver a truly premium experience. Since 2015, Genesis engineers from the headquarters in South Korea have been working in tandem with their European colleagues in Rüsselsheim, Germany, to ensure the unique challenges and demands involved in creating a class-leading premium product are tailored for European customers.

3. A LUXURY SUV DESIGN EVOLUTION

Inspired by the Genesis trademark Athletic Elegance design philosophy, the sharpened design of Electrified GV70 brings a new level of sophistication to the brand's all-electric SUV. Underlining the model's bold, powerful appearance, the design of Electrified GV70 has been refined for MY25.

Electrified GV70 showcases the elegant, timeless design language that has become synonymous with Genesis cars, remaining instantly recognisable as the brand's flagship Genesis SUV in Europe.

At the front, exterior enhancements are centred around the redesigned G-Matrix Crest Grille, creating an imposing new look. Featuring a flush, aerodynamic finish and diamond pattern, Electrified GV70's cleverly hidden charging port is now heated and electrically operated – one of many intelligent convenience elements designed to create the best possible ownership experience.

Genesis' iconic Two-Line quad headlights, a defining design feature of all Genesis models, now incorporate Micro Lens Array (MLA) technology and Intelligent Front Lighting (IFS) system. Bringing elevated style and lighting precision, advanced MLA lighting uses micro lenses to focus powerful LED units, delivering exceptional brightness from compact headlights.

At the rear, the taillights, indicators and additional chrome highlights on the lower bumper highlight the Genesis Two-Line design concept. To improve visibility and sharpen aesthetics, the indicators are now relocated from the lower bumper to the taillights, which also feature repositioned light sources.

Elsewhere, Electrified GV70 shares its distinctive premium design that reflects the SUV's athletic nature. The side profile is defined by the elegant Parabolic Line, which begins at the top of the headlights and creates a dramatic contrast with the muscular rear wings.

Above this, the sleek and elegant roofline, along with the eye-catching chrome line that drops down the C-pillar, help accentuate the Electrified GV70's athletic character. A new 20-inch Matt Grey diamond-cut alloy wheel design is also now available on Dynamic and Luxury models.

Function hasn't been overlooked in the pursuit of form, with several features designed to enhance aerodynamic efficiency. At the front, an active air flap behind the grille can be closed automatically, while the underside of the car features a full-length fairing to manage airflow beneath the car by creating a single, uninterrupted surface. In combination with the aerodynamically optimised 19-inch alloy wheels, Electrified GV70 offers a drag coefficient of just 0.29.

4. ELEVATED INTERIOR INSPIRED BY THE BEAUTY OF WHITE SPACE

Like all Genesis models, Electrified GV70's interior is inspired by the 'Beauty of White Space' concept used in Korean architecture. Balancing elegant premium design with spaciousness and state-of-the-art technology, the elegantly styled interior also reinforces Electrified GV70's premium positioning and exceptional craftsmanship.

The new Electrified GV70's interior is designed to offer an enhanced level of luxury across all specifications. Now centred around the panoramic, 27-inch ccIC display screen with wraparound ambient lighting, the dashboard features premium, soft-touch materials which extend across key contact areas including the centre console.

Electrified GV70's Mood Curator offers a choice of four interior modes – Vitality, Delight, Care and Comfort – which seamlessly control music, scent and interior lighting for all occupants. On models with Ergo Motion technology, the Mood Curator also works in harmony with the massage seating functions.

Aluminium interior accents combine with the new 'Milky Way' patterned mood lighting to create an elegant and sophisticated feel. Following customer feedback, the interior features were expanded to include indirect lighting on the door trims to create a calming, immersive atmosphere. A new three-spoke, touch sensitive steering wheel and signature seat pattern underlines the refined new design.

Customers can choose from Obsidian Black, Frozen Grey and Glacier White interior trim and colour options, expanding personalisation opportunities across the three trim levels. Leather and wool upholstery is standard on all specifications, while quilted Nappa leather tanned with sustainable, bio-processed dye is available as an option.

Throughout Electrified GV70 various interior components have been created with eco-friendly and recycled materials. The standard Tricot basic and optional suede headlining have been made using yarn made by processing recycled plastic bottles and waste nets.

The generous width of the interior is emphasised by sleek, thin air vents that run across the passenger compartment, cutting through to the doors to surround the driver and enhance the sense of space.

Electrified GV70 models in Luxury specification include ventilated front seats and heated rear seats, offering exceptional comfort for all passengers onboard. As part of the optional Comfort Pack, both driver and passenger can set up the perfect seating position thanks to 18-way adjustment and individual air cells that utilise a variety of settings to ensure maximum comfort and posture.

Also included on the Comfort Pack is Genesis' unique Ergo Motion technology, featuring massage functions for both the driver and front seat passenger, accredited by Germany's Aktion Gesunder Rücken e.V. (Campaign for Healthier Backs) for its ergonomic design. Ergo Motion minimises fatigue and ensures exceptional comfort, with configurable settings for intensity and frequency.

Thoughtful design features on Electrified GV70 include the door seals, which wrap underneath the car to protect the inner sill from road grime and protect passenger's clothing when getting in or out. Furthermore, this feature also effectively lowers the sill height and widens the foot access for easier and safer entry and exit, particularly for children.

Despite its sleek exterior lines and the packaging of its state-of-the-art electrical architecture, Electrified GV70 retains adaptable, do-it-all SUV practicality. A powered tailgate is included as standard on all models and allows for fuss-free access to the luggage compartment, even with occupied hands, while the load area delivers a spacious 503-litres of capacity.

Functionality is further enhanced by the addition of two-way 60:40 split-fold rear seats that offer numerous options for carrying larger items. With the rear seats completely lowered, Electrified GV70 delivers an exceptional 1,678-litres of space. In addition, a useful 25-litre 'frunk' at the front of the car has been created for the quick and straightforward storage of charging cables.

5. THE PERSONAL TOUCH

Comprehensively equipped as standard, Electrified GV70 can be further enhanced with a choice of option packages aimed at meeting the diverse needs of Genesis owners. Bringing together a range of carefully chosen features, these upgrades can be specified separately or together to deliver an even more personalised ownership experience:

- Comfort Pack - Further enhancing the luxurious onboard experience for the driver and front seat passenger, introducing Ergo Motion massage technology, memory function and electric lumbar support, and seat ventilation (optional on Luxury specification models)
- 2nd Row Comfort Pack – Includes heated rear seats, laminated rear glass and rear blinds
- Nappa Pack – Quilted Nappa leather seats and suede headlining, available in a range of colours

- Serenity Pack – Air aroma diffuser and sanitising UVC centre console storage (optional on Dynamic & Luxury models)
- Vehicle-to-load Pack – A 3.7 kW power supply which allows the car to be used as a mobile power source, via the front charging port or a domestic-type plug socket in the boot compartment
- Panoramic sunroof – Included as standard on Luxury models and optional on Dynamic specification

There are 13 exterior colours and finishes available, including the exclusive Ceres Blue Matt launch colour.

Customers can also specify one of the following paint options:

- Alta White (Solid)
- Capri Blue (Metallic)
- Ceres Blue (Metallic)
- Makalu Grey (Metallic)
- Makalu Grey (Matt)
- Matterhorn White (Pearl)
- Mauna Red (Metallic)
- Savile Silver (Metallic)
- Storr Green (Matt)
- Storr Green (Metallic)
- Uyuni White (Pearl)
- Vik Black (Metallic)

6. POWERFUL AND ASSURED IN ALL CONDITIONS

The new model builds on Electrified GV70's reputation as a world-class electric SUV, prioritising driver engagement with a particular focus on agility and comfort.

With cutting-edge electrical architecture, sophisticated chassis technology, a low centre of gravity and an exceptionally strong structure, Electrified GV70 delivers a confidence-inspiring range and exceptional comfort and refinement. The new model's offroad capabilities are enhanced by the advanced AI-powered Auto Terrain mode, which analyses road conditions in real-time and automatically optimises the drivetrain.

Crosswind Stability Control is available as standard, detecting strong side winds and automatically supporting braking and steering input to avoid lane departure, retaining Electrified GV70's planted nature at all times.

"Electrified GV70 has already established a reputation for offering outstanding performance and composure in all conditions, while never compromising on comfort. The latest generation takes this to another level, advanced by the new AI-powered Auto Terrain mode and enhanced 84 kWh battery, retaining Electrified GV70's unrivalled dynamic edge." - Tyrone Johnson, Director, Vehicle Development at Genesis Brand

Forming the basis of Electrified GV70 is Genesis' sophisticated all-wheel drive platform. Developed to be as strong and light as possible, Electrified GV70's body makes extensive use of aluminium, reducing weight by up to 41kg, helping to increase both efficiency and performance.

Like other Genesis models, the structure has been enhanced to provide even greater tensile strength, thanks to the extensive use of hot stamped parts in crucial areas such as the A- and B-pillars and floor crossmembers. This process delivers the highest possible strength through hot forming and quenching processes.

For Electrified GV70 bespoke aluminium die-cast assemblies are used at the front and rear, including the suspension towers. In addition, light and strong extruded aluminium is used for the sills and the rear bulkhead, while the front seat crossmember is formed from Carbon Fibre Reinforced Plastic (CFRP).

Electrified GV70 utilises a MacPherson strut set-up at the front and a multi-link at the rear. Both benefit from a bespoke reinforced subframe that features a unique four-point mounting for the electric motor, plus a re-positioned anti-roll bar. For Model Year 2025, the front tension arm and rear crossmember bushings have been upgraded to high-performance hydro items, minimising road noise and vibration, significantly improving driving comfort.

Overall, engineers have created a light and strong structure that results in superb torsional rigidity and the highest level of dynamic driving performance, all while maintaining the comfort, stability and safety that is emblematic of the Genesis brand.

Mounted low between the front and rear axles is Electrified GV70's 84 kWh lithium-ion battery, located to support optimal weight distribution and a low centre of gravity, supporting cornering performance and driving stability at high speed. Battery safety is ensured through a strong support structure that features energy load paths to protect the battery, with energy-absorbent sections of the body and chassis.

Electronically Controlled Suspension with Road Preview delivers superior ride quality, using a front-facing camera scan the road ahead and automatically adjust the adaptive dampers to cope with undulating road surfaces, such as speed bumps and potholes.

Electrified GV70 models in Luxury specification also feature state-of-the-art Active Road Noise Cancellation (ARNC) to eliminate road noise, enhanced by the triple-sealed door surrounds and sound insulation.

7. CLASS-LEADING ELECTRIC ARCHITECTURE

Using innovative electrical hardware and software, Electrified GV70 features a flexible multi-charging system that delivers stable and simple recharging of the battery across a wide range of chargers, including rapid and ultra-rapid networks.

Key to Electrified GV70's performance is a state-of-the-art electrical architecture that allows both 800 Volt and 400 Volt multi-charging without the need for additional components or adapters. This innovative and patented technology automatically manages the motor and the inverter to provide stable charging regardless of the infrastructure.

When charging using a 350 kW charger at 240 kW peak capacity with the ultra-fast Direct Current (DC) charging function, Electrified GV70's enhanced new battery can be replenished from 10% to 80% in just 19 minutes.

Electrified GV70 features a carefully developed battery conditioning function that manages the battery's temperature to ensure optimal performance in all conditions. The system not only preheats the cells to secure better efficiency when the battery temperature is low, but can also minimise the amount of charging time by optimising the battery temperature for arrival at a rapid charger located by the sat-nav system.

Available as part of the optional Vehicle-to-load pack, Electrified GV70's can be specified with a function that allows the car to be used as a mobile power source. Supporting a 3.68 kW power supply, it gives owners the freedom to use a variety of electrical devices regardless of location, such as when enjoying outdoor activities. From laptop computers to electric bicycles, owners can recharge a wide range of devices using the car's power, either via the external charging port in the front grille, or by plugging into a traditional domestic electrical socket in the luggage area.

8. EXCEPTIONAL ALL-ELECTRIC POWERTRAIN

Electrified GV70 is designed and engineered to create a strong emotional connection, both visually and from behind the wheel. Delivering on this promise, Electrified GV70 is available exclusively with a powerful dual motor, all-wheel drive (AWD) set-up that delivers up to 490PS.

Electrified GV70's powertrain uses a pair of 180 kW electric motors at the front and rear. Like all Genesis models, Electrified GV70 marries driving range and performance with luxury and comfort. By accentuating the key dynamic advantages of an all-electric powertrain, Electrified GV70 further enhances the brand's commitment to exceptional comfort and refinement.

Both motors feature Genesis' Power Electric (PE) system, which consists of an electric motor, a single-speed reduction gear transmission and an inverter. These three components are integrated into a compact module, which ensures exceptional performance as well as efficiencies in both space and weight.

As a result, Electrified GV70 delivers exceptional performance, with instant and powerful acceleration that's delivered in a seamless and near-silent surge.

Enhancing the driving experience further is the thrilling Boost Mode feature, which can be used to unlock maximum performance from the powertrain. Accessed using a button on the steering wheel, this feature instantly unleashes peak 180 kW power from each motor for around 10 seconds, allowing faster and safer overtaking or quicker acceleration from a standing start, with a 0-62 mph sprint possible in just 4.4 seconds.

Electrified GV70 features advanced Active Sound Design (e-ASD), monitoring the car's speed, position of the accelerator pedal and 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 customised by the driver to suit their preferences in terms of detailed volume control and pedal response. The 'Futuristic' setting symbolises the direction of future mobility, while the sporty 'G-Engine' sound aims to evoke the noise and character of an internal combustion engine. Finally, the 'E-Motor' sound reimagines Electrified GV70's authentic electric motor sounds.

On top of its dynamic performance, Electrified GV70 also delivers the refined and luxurious driving experience that has become a Genesis hallmark. Benefitting from a range of Innovative and thoughtful features, Electrified GV70 enhances driving pleasure, comfort and efficiency whatever the road conditions.

Electrified GV70 benefits from the same Genesis Disconnector Actuator System (DAS) also found on GV60 and Electrified G80. This sophisticated system can quickly and smoothly connect or disconnect the front motor from the drive wheels, allowing Electrified GV70 to switch between rear-wheel drive (RWD) and AWD depending on driving situation, maximising efficiency.

This system works in partnership with the Smart Regeneration System 2.0, which helps maximise energy regeneration by automatically adjusting the regenerative braking capability according to traffic data and navigation map information. By doing this, the set-up more effectively channels energy that would otherwise be lost back into the battery, helping towards Electrified GV70 range of up to 298 miles.

Further enhancing efficiency of Electrified GV70 is the i-Pedal (Intelligent Pedal) mode that allows the driver to accelerate, decelerate, and stop using just the accelerator pedal alone. Not only does the i-Pedal encourage a more intuitive and relaxing way to drive, it boosts efficiency by maximising the amount of energy recovered by the regenerative braking system, adjustable using three different modes accessed by the wheel-mounted paddle-shifters.

Particular attention has been paid to the EPAS (Electronic Power Assisted Steering), with careful calibration resulting in exceptionally natural response and weighting. The steering allows confidence-inspiring stability at high speeds without compromising Electrified GV70's connected feel and agility through corners.

Electrified GV70 utilises the brand's advanced EDTVC (Electronically Assisted Dynamic Torque Vectoring Control), which improves handling by distributing appropriate torque to each wheel when the car is cornering. This system helps improve agility and reduce understeer by directing greater torque to the outside wheels, helping more effectively rotate Electrified GV70 into a bend, enhancing driver confidence and control.

Exceptional braking performance comes as standard thanks to the addition of the IEB (Integrated Electric Booster) that offers a more progressive braking performance, lower noise levels and increased stability compared to a traditional vacuum system. Furthermore, Electrified GV70 benefits from powerful four-pot brake calipers for confidence-inspiring stopping power.

Electrified GV70's selectable drive modes (Eco, Comfort and Sport) allow the driver to manually tailor their experience behind the wheel to suit both their mood and the road ahead. At the touch of a button, each setting carefully retunes the steering, damper and powertrain response, either enhancing efficiency, promoting a more relaxed environment or priming the car for dynamic driving.

Electrified GV70 is also the only Genesis model to feature e-TERRAIN technology, augmented for Model Year 2025 using advanced AI technology. The e-TERRAIN selectable modes (Snow, Mud and Sand) are now complemented by the AI-powered 'Auto-Terrain' feature, which analyses road conditions in real-time and automatically adjusts the car to optimum settings.

Giving the driver confidence whatever the road conditions, Auto-Terrain conveniently adapts the sophisticated powertrain technology to ensure Electrified GV70 can handle even the toughest challenges.

9. CUTTING EDGE TECHNOLOGY

Electrified GV70 delivers cutting edge technology that enhances convenience and enjoyment for drivers and passengers with a suite of new technology, introduced for Model Year 2025.

In combination with Genesis Connected Services, each feature is focused on integrating all-new Electrified GV70 with its owner's needs, devices and preferences, ensuring they're always in-touch.

The new 27-inch panoramic connected car Integrated Cockpit (ccIC) seamlessly connects the driver information, entertainment and navigation displays, creating a bold and high-tech interior feel and expanding the information area by 30%. The interface and all convenience features can be accessed via the touchscreen, centre console rotary dial, or handsfree using voice recognition.

Thanks to Genesis' expanded range of connected infotainment services, passengers can now enjoy a wider selection of news and entertainment features via the ccIC. Netflix, Bloomberg TV+, Bloomberg Originals, Disney Plus, YouTube and a live news feed offer a wide array of premium integrated content, easily accessible in Electrified GV70 via a simple command.

For further convenience on Dynamic and Luxury models, the new panoramic ccIC features an advanced augmented reality view that 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 distance and turn point instructions. Also included is a carpet view, which superimposes direction instructions on a real-time camera image of the road ahead for simple-to-follow guidance.

Available as standard on Luxury models, the 15-speaker Bang & Olufsen audio system features next-generation immersive sound technology, Dolby Atmos, the advanced audio system which provides a three-dimensional sound experience and a rich and delicate sound field effect through a 10-step surround system and beosonic function.

Ease-of-use is further enhanced by Genesis Connected Services, which allow owners to use their smartphone to control and monitor numerous features and functions of Electrified GV70. The doors can be remotely locked or unlocked, and live information such as battery level can be viewed. It is also possible to monitor individual journeys, allowing drivers to refine their efficient driving techniques, and remotely set climate control, heated seats and heated steering wheel.

Innovation and biometric technology combine with Electrified GV70's optional Fingerprint Authentication. Once fingerprints are registered through the infotainment system, a customised profile can be set up. 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 volume settings.

Every aspect of Electrified GV70 has been carefully developed to create the best possible experience in its class. Other cutting-edge features available include:

- Augmented reality navigation, offering a more intuitive and convenient route guidance
- Digital Centre Mirror, allowing clear rear view when visibility is blocked by passengers, luggage or challenging weather conditions, using rear camera imaging
- Over-the-air software updates, allowing Electrified GV70 to evolve with new software and features throughout ownership, without visiting a service centre
- Calendar synchronisation from your Google or Apple account directly into the Infotainment system, allowing you quick and easy access to your appointments
- Phone connectivity including wireless Android Auto and Apple CarPlay
- Wireless mobile phone charging

10. SAFETY WITHOUT COMPROMISE

The new Electrified GV70 features a range of advanced and class-leading technologies within a wide range of standard active and passive safety systems.

On Luxury specification, the latest generation introduces Forward Collision-Avoidance Assist 2 (FCA 2), helps to predict and avoid potential collisions with other road users. FCA 2 is particularly effective at junctions, cross-traffic situations, and during overtaking, capable of providing evasive steering input for pedestrians and cyclists near the road edge.

A Lane Follow Assist 2 (LFA 2) technology maintains lane discipline and is now active at speeds of up to 120 mph, with upgraded steering actuator control and Hands On Detection for improved safety, responsiveness and control.

Electrified GV70's front centre airbag is located in the driver's seat on the centre console. This airbag deploys in just 0.03 seconds in the event of a side collision, designed to prevent front passengers from colliding with each other.

Standard Remote Smart Parking Assist 2 (RSPA 2) represents another safety and convenience feature, allowing remote parking and exiting from outside the car. The intelligent system uses cameras and sensors to detect parking spaces, and manage steering, speed and transmission. Now with improved parking line recognition, accuracy and diagonal parking capability, RSPA 2 is another intelligently enhanced technology for the latest generation.

Electrified GV70 also features Smart Cruise Control (SCC) as standard, which automatically adjusts throttle and braking to maintain a set distance from vehicles ahead. Highway Driving Assist 2 (HDA 2) assists with steering movements to automatically keep the vehicle in its lane and can execute driver-initiated lane changes by simply activating the indicator signal.

Electrified GV70's ADAS technology includes:

- Emergency Braking Alert System
- Vibration Alert Steering Wheel
- Advanced Rear Occupant Alert
- Multi-Collision Prevention Automatic Braking System
- Forward Collision-Avoidance Assist
- (vehicle/pedestrian/cyclist, opposing vehicle at intersection or driving lane)
- Forward Collision-Avoidance Assist (cross-traffic at intersections, oncoming or approaching vehicle when changing lanes, steering assist included)
- Lane Keeping Assist
- Rear Cross-Traffic Collision-Avoidance Assist (Forward Exit)
- Rear Cross-Traffic Collision Warning (Driving) Safe Exit Assist
- Intelligent Speed Limit Assist
- Blind-Spot View Monitor
- Driver Attention Warning
- Pre-active Seatbelt for Front Seats
- Driver Forward Attention Warning Camera Blind-Spot Collision-Avoidance Assist High Beam Assist
- Adaptive Smart Cruise Control
- Navigation-Based Smart Cruise Control (safety zones and curved roads) Lane Following Assist 2
- Highway Driving Assist with Smart Cruise Control, Lane Change Assist Control) Electronic Parking Brake and auto hold
- Intelligent headlamps
- Rear Cross-Traffic Collision-Avoidance Assist Surround View Monitor
- Parking Collision-Avoidance Assist (front, side, rear) Parking Distance Warning (side)
- Forward/Reverse Parking Distance Warning Reverse guide lamp
- Remote Smart Parking Assist including space recognition and diagonal parking

11. TECHNICAL SPECIFICATIONS

Dimensions and Weight

		180 KW + 180 KW DUAL-MOTOR AWD
LENGTH/WIDTH/HEIGHT	MM	4,715 / 1,995 / 1,630
WHEELBASE	MM	2875
FRONT OVERHANG	MM	845
REAR OVERHANG	MM	995
MINIMUM GROUND CLEARANCE	MM	174
MINIMUM TURNING RADIUS	M	5.75
MASS IN RUNNING ORDER	KG	2,335
MAX. LOADING MASS	KG	2,850
MAX. WEIGHT ON EACH AXLE, FRONT/REAR	KG	1,360 / 1,590
FRONT TRUNK CAPACITY MAX	LITRES	25
LUGGAGE CAPACITY, MIN/MAX	LITRES	503/1,678
DRAG COEFFICIENT	CD	0.29
MAX TOWING CAPACITY (BRAKED/UNBRAKED)	KG	1800 / 750

Battery and Charging

TYPE OF BATTERY		LI-ION
CAPACITY	KWH	84
TOTAL SYSTEM POWER	KW/PS	360/490
TOTAL SYSTEM POWER (UK ONLY)	BHP	483
VOLTAGE	V	697
DC-FAST CHARGING (800V, 350KW) SOC 10-80%	MINUTES, SECONDS	19 MIN
DC-FAST CHARGING (50KW / 400V) SOC 10-80%	MINUTES, SECONDS	76 MIN
AC WALL BOX CHARGING (11KW / 16A) (AC-FAST CHARGING) SOC 10-100%	HOURS, MINUTES	7 HR 55 MIN
AC DOMESTIC SOCKET CHARGING (2.7KW / 12A) SOC 10-100%	HOURS, MINUTES	34 HR 20 MIN

Transmission

DRIVE TYPE	AWD
TYPE OF GEARBOX	SINGLE SPEED AUTOMATIC
GEAR RATIO	2,263
FINAL GEAR RATIO	2,263

Power, Performance, Energy Consumption and Range

COMBINED POWER OUTPUT/WITH BOOST MODE	KW	320 / 360
TORQUE	NM	700
ACCELERATION, 0-100KM/H (0-62MPH)/WITH BOOST MODE	SECS	5.0 / 4.4
ACCELERATION 80-120KM/H / WITH BOOST MODE	SECS	3.0 / 2.7
TOP SPEED	KM/H (MPH)	235 (146)
ENERGY CONSUMPTION WLTP (COMBINED)	KWH/100KM	19.4
ENERGY CONSUMPTION WLTP (CITY)	KWH/100KM	15.1
RANGE WLTP (COMBINED)	KM/MILES	PURE: 298 DYNAMIC & LUXURY: 287

Steering, suspension and brakes

SUSPENSION, FRONT	MACPHERSON STRUT
SUSPENSION, REAR	MULTILINK
BRAKE TYPE, FRONT (DIAMETER)	VENTILATED DISCS (360MM)
BRAKE TYPE, REAR (DIAMETER)	VENTILATED DISCS (345MM)
STEERING RATIO	13.27
TYRES, FRONT/REAR (OPTIONAL)	235/55 R19 (265/45 R20)

ABOUT GENESIS

Founded in South Korea, Genesis offers premium cars with a luxury experience and is committed to delivering an exceptional service to its customers. From its European headquarters in Frankfurt, Genesis Motor Europe operates in Germany, Switzerland and the UK. Since launching in Europe in 2021, the brand has received multiple company and product award wins across all three markets.

The Genesis range includes three dynamic pure electric models as well as the most recent addition, Genesis G90, the brand’s flagship luxury saloon. Central to Genesis' identity is the distinctive design language of 'Athletic Elegance', blended with the very latest technology to deliver state-of-the-art customer features. Genesis is dedicated to a sustainable future and aims to become a carbon net zero by 2035.

For more information about Genesis and its definition of premium, please visit www.genesis.com