GENESIS
ELECTRIFIED GV70

GENESIS ELECTRIFIED GV70

LUXE, IN EVERY TOUCH

Elegant, sporty curves preserve GV70's luxurious exterior image while a refined, newly refurbished interior offers a cozy space that is free of distractions and has a fresh sensibility.

Genesis Electrified GV70 is a luxurious SUV, sport, and EV vehicle in one for those who silently pursue their dreams with passion and a proactive attitude.

Genesis Electrified GV70
Digital Catalog
(PC/Tablet)

Genesis Electrified GV70
Digital Catalog
(Mobile)

Genesis Electrified GV70
Homepage

Ceres blue, Savile silver (full package)

Ceres blue (full package)

Front design

Rear design

20" dark matte gray diamond-cut wheel & Michelin tire

High-mounted stop lamp

Ceres blue (full package)

Icy blue/glacier white two-tone (full pack, including glacier white seat, Icy blue door upper trim/Signature Design Selection II - Milky Way pattern mood lighting)

Newly designed steering wheel

Milky Way pattern mood lighting

Nappa leather seat

Icy blue/glacier white two-tone (full package including glacier white seat, Icy blue door upper trim/Signature Design Selection II - Milky Way pattern mood lighting)

01

02

03

04

05

06

DRIVING

Enjoy a smooth and powerful ride with improved cabin silence and a sporty feel that is enhanced with virtual sounds and effects.

Single-charge driving range

423 km (19" wheels & tires)
400 km (20" wheels & tires)

High-capacity battery

84.0 kWh

Dual motor ※ based on Boost mode

360 kW (Max. power) 700 Nm (Max. torque)

01 Virtual Gear Shift (VGS)

Virtual sounds and gear-shifting sensations are generated while RPM and cluster visuals change to mirror the power being generated by the electric motor to create a more immersive and enjoyable ride.

02 Boost mode

System output is maximized to boost power and acceleration response for set periods, enabling the vehicle to accelerate from 0 to 100km/h in just 4.4 seconds.

03 Active Sound Design (e-ASD)

Engine torque and acceleration sounds can be generated inside the cabin to evoke the feeling of driving an internal combustion engine vehicle. Twenty levels of volume, drive mode pairing, and two distinct sound concepts create vivid driving experiences that can be customized according to taste.

04 Dual motor AWD (All-Wheel Drive) system

High-powered dual motors deliver a peak output of 360kW (489PS), coupled with outstanding stability for cornering and cruising at high speeds.

※ based on Boost mode

05 Auto Terrain Mode

Artificial intelligence is used to detect changes in the road's surface in real time. Driving mode is automatically adjusted to optimize driving performance.

06 Electronically controlled suspension with road preview

Changes in the road's surface and driving conditions are anticipated using diverse sensors. Suspension is automatically adjusted to maintain riding comfort.

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DRIVING (PC/Tablet)

Digital Catalog
Learn more about
DRIVING (Mobile)

01

02

03

04

05

CHARGING

A fourth-generation 84.0kWh battery extends the vehicle's driving range.
A host of convenient charging features makes EV life stress-free.

Fast charging 19 min

The battery can be charged from 10% to 80% in 19 minutes using a 350kW ultra-rapid charger for a driving range of over 300km. It can be charged at highway rest stops during long journeys.

※ Charging time may vary depending on output, charger specifications, and battery temperature.

Normal charging 7 hours 55 min

The battery can be charged from 10% to 100% in 7 hours and 55 minutes using an 11kW normal charger for up to 423km of comfortable and dependable driving.

01 Electric charging door

The charging door can be opened and closed conveniently from the inside and outside of the vehicle. Heating wires in the compartment prevent the door from freezing during the winter, while lighting of the inlet and a charging status indicator light improve visibility.

※ The charging door open/close buttons are located on the left end of the crash pad and on the top right of the grille.

02 Regenerative braking control paddle shift

A paddle shift mounted on the steering wheel allows the driver to control deceleration and regenerative braking in stages, improving fuel efficiency and adding to the fun of driving.

03 Outdoor V2L connector

An outdoor V2L gender connector can be plugged into the 220V charging port on the vehicle's grille to use diverse electronic devices, unrestricted by time and place.

04 Interior V2L

Small electronic devices can be charged conveniently using a V2L inside the trunk.

05 Utility mode

Air conditioning, heating, indoor/outdoor V2L, and high-voltage battery charging can be enjoyed even when the vehicle is not being driven, such as while camping or making long-term stops.

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CHARGING (PC/Tablet)

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Learn more about
CHARGING (Mobile)

※ Both internal/external V2L functions can be accessed when the vehicle has 20 to 100% power remaining. The maximum power consumption provided may vary depending on the capacity of the electronic device/appliance.

01, 02

03

04

05

06

EXPERIENCE

Amenities and diverse contents that delight the senses complete a cozy, serene space that caters to users' sensibilities.

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01 Mood curator

Choose between 4 modes (Vitality, Delight, Care, and Comfort) to synchronize music, scents, and interior lighting according to your mood.

02 Ambient mood lamp

A cozy wraparound design creates a comfortable and luxurious atmosphere that surrounds the occupants. Colors can be selected from a wide choice of colors to suit personal tastes.

03 Bang & Olufsen high-resolution sound system (15-speaker) & Dolby ATMOS

A high-resolution sound system delivers rich, clear sound, while 10-level surround and the BeoSonic function enable customization of sound settings. Dolby ATMOS adds depth and clarity.

※ Dolby ATMOS support is available in music apps (Genie Music, Melon) and OTT (Netflix, Disney+) from the Entertainment menu.

04 Streaming service

Enjoy music and video streaming service subscriptions in the comfort of your car without the need for a separate mobile phone or viewing device.

05 Independently controlled full auto air conditioning system & Crash pad scent diffuser

Front and rear seat air conditioning temperatures and modes can be adjusted independently while giving the driver access to every seat's control. The air purification system reduces micro dust while a scent diffuser built into the crash pad helps to create a more aromatic and pleasant environment.

06 3-zone climate control

Rear seat temperature and wind direction can be set independently from the front seats using a separate touch-sensitive climate control system in the rear seats.

CONVENIENCE

Cutting-edge smart technology seamlessly connects the driver, vehicle, and surroundings for a convenient and comfortable interior experience all the time wherever you are.

01 Genesis Digital Key 2

Lock/unlock the doors and start the engine without a smart key using an iPhone, Apple Watch, or Android-based smartphone. Share access with up to 15 devices.

※ Please refer to the Genesis website for specific supported models.
※ Currently, the only compatible smartwatch is the Apple Watch.

02 Built-in Cam 2

Front and rear cameras capture high-resolution driving/parking videos and voice recordings that can be viewed in real time through the navigation screen and smartphones. Contents can be replayed, downloaded, and uploaded to SNS.

03 Digital Center Mirror

The rear view image is projected on the room mirror using optical mirror view or rear view video display to improve safety while driving at night or in rainy weather.

04 Indoor fingerprint authentication system (personalization, ignition, payments, etc.)

Select personal user settings, make In-car Payment, disengage valet mode, and start the engine with fingerprint authentication.

05 Hands On Detection

Electric currents that flow when hands touch the steering wheel are detected to determine whether the steering wheel is being gripped. Driver's movements are distinguished accurately to improve the safety of advanced driver assistance systems.

06 Wireless phone projection

In-car phone projection services such as Google Android Auto and Apple CarPlay can be used conveniently without any cables.

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CONVENIENCE (PC/Tablet)

Digital Catalog
Learn more about
CONVENIENCE (Mobile)

01

03

04

05

06

01 Genesis Infotainment System

A 27″ OLED display that integrates the cluster and navigation (connected car Integrated Cockpit or ccIC) is equipped with an integrated controller used to operate the cluster, audio-video-navigation (AVN), and HUD. It provides a UX and a vast range of visual information on a wide OLED display.

A	B
C	D

A. OTA software update
B. Streaming service
C. Voice recognition
D. EV-specific content

02 Genesis integrated controller

A jog-dial controller allows the driver to conveniently manage destination settings, phone calls, and more without having to manipulate buttons or the AVN screen.

03 UV sterilization for the front seat console armrest storage box

UV-C LEDs irradiate harmful bacteria and sterilize items that are easily contaminated.

※ Based on in-house test results verified by Intertek, an international certification agency. Results may vary depending on the actual usage environment.

04 Ergo Motion front seats

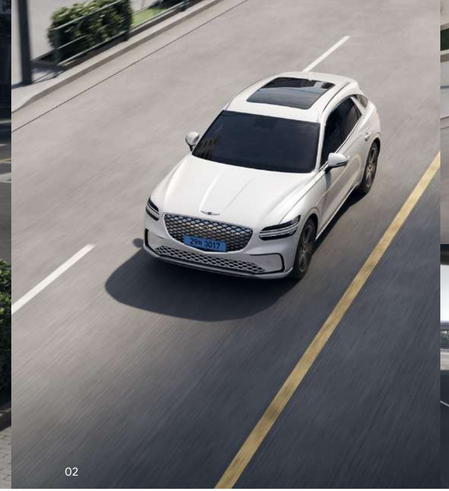
Seven built-in air pockets in the seats automatically align with the occupant's posture and movement. A Drive Link function automatically adjusts the cushion and side supports to match the vehicle speed and drive mode selected. Comfort Stretch helps to relieve fatigue in the pelvis and lower back.

05 Front seat wireless smartphone charging system

Smartphones. can be charged wirelessly by placing them on a charging pad without the need for a cable.

06 Rear seats (heating & ventilation / 6:4 folding)

Rear passengers can enjoy a cozy and comfortable ride regardless of season. A 6:4 folding feature makes seat adjustments easy to facilitate the loading of oversized items.



INTELLIGENCE

Genesis' advanced driver assistance system (ADAS) analyzes the driver's state and surroundings to maximize driving comfort and safety.

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INTELLIGENCE (PC/Tablet)

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INTELLIGENCE (Mobile)

01 Forward Collision-avoidance Assist 2 (FCA) system

Alerts the driver in diverse circumstances where there is a risk of a collision (below).
Helps to brake or steer the car automatically if the risk of a collision continues to increase.

- A vehicle, motorcycle, pedestrian, or cyclist is in front.
- A vehicle, motorcycle, or cyclist is approaching from the opposite lane while making a left turn in an intersection.
- A vehicle is approaching from the left or right while crossing an intersection.
- A vehicle or motorcycle is approaching straight ahead from the opposite direction.
- A vehicle or motorcycle is approaching from the opposite direction while changing lanes.
- A vehicle or motorcycle is in an adjacent lane while changing lanes.
- A vehicle, motorcycle, pedestrian, or cyclist is in front of the car on the edge of the road.

02 Lane Keeping Assist (LKA) system

Recognizes lanes (including road boundaries) and alerts the driver if the car drifts out of the lane while traveling above a certain speed without a turn signal. Helps to steer the car automatically into place to prevent unintended lane departures.

03 Blind-spot Collision-avoidance Assist (BCA) system

Detects vehicles behind the car in adjacent lanes while driving above a certain speed. It alerts the driver with an alarm and a flashing warning light and assists with steering if there is a risk of a collision. In addition, it helps to brake the car automatically if there is an increasing risk of collision while starting off the vehicle.

04 Highway Driving Assist 2 (HDA) system

Helps to maintain a preset speed, a safe distance from vehicles in front, and the center of the lane (including on curved roads) while cruising on an expressway or highway. Helps to steer the car away from adjacent vehicles that come dangerously close without overrunning the lane. In addition, if the driver activates the turn signal while traveling above a certain speed and holds on to the steering wheel, it automatically changes lanes in the direction of the turn signal.

05 Remote Smart Parking Assist 2 (including parking line recognition and diagonal parking)

Helps to park or pull out the car remotely by moving the car forward or backward using the remote control on the smart key. It recognizes parking lines to assist perpendicular, parallel, and diagonal parking.

※ ADAS is only intended to assist the driver. Be attentive while driving at all times.
※ Functions may not operate smoothly due to environmental, driving, and/or operational conditions. Please refer to the user's manual for details.
※ Some of the features above may not be applicable depending on the options that are selected.

WHEELS & FEATURES

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FEATURES (PC/Tablet)

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Learn more about
FEATURES (Mobile)

19″ dark matte gray
diamond cut wheel

20″ dark matte gray
diamond cut wheel

01 Dynamic welcome lights
02 Touch type outside door handle
03 Smart power tailgate
04 Panoramic sunroof
05 Reverse guide lamps
06 Frunk
07 8 airbags
08 Electric front seat

GENESIS ACCESSORIES

09 Vehicle protection film
10 Floating wheel caps
11 Side steps
12 Protection mat package (floor/luggage mats)

※ Charging-assist cables can be purchased separately at the Genesis Boutique (shop.genesis.com).

13 5-pin normal charging cable
14 Portable 220V normal charging cable

GENESIS CAMPING GEAR BLACK EDITION

※ Genesis Boutique Exclusive
※ Images depict installation on Genesis GV80.

15 Rooftop Tent Black Edition
16 Crossbars Black Edition

※ Position: advanced airbags for front seats, driver's knee airbags, center side airbags for the front seats, front side airbags, and rollover-resistant curtain airbags

GENESIS EV PRIVILEGES

Discover more about
Genesis MEMBERSHIP

Enjoy privileges to care for your vehicle and enhance your EV life, such as charging, vehicle management, and maintenance, as well as lifestyle benefits that match your sophisticated tastes. Choose one benefit from each of the EV Car Care and Travel & Lifestyle categories.

EV Car Care (Choose 1)

Charging Credits
- Get 500,000 charging credits to use in public chargers.

EV Prime Care Combination Package
- Get 200,000 charging credits and a warranty to cover vehicle damages that take place up to 1 year (or 20,000km, whichever comes first) from the date of delivery.

EV Maintenance Combination Package
- Get 200,000 charging credits and premium vehicle maintenance services such as car washes and exterior coating.

Sonax Full Care Vehicle Maintenance
- Get a glossy coating or glossy car wash service from Sonax, a German premium car care brand.

Travel & Lifestyle (Choose 1)

Travel
- Hotel membership/Resort voucher: Grand Walkerhill Seoul, Grand InterContinental Seoul Parnas, Parnas Hotel Jeju, The Shilla Seoul, The Shilla Jeju, Seoul Dragon City, Rolling Hills (Gyeonggi-do), Paradise City (Incheon), Lotte Hotel Busan, Paradise Hotel Busan, Lotte Hotel Jeju, Haevichi Hotel & Resort Jeju

Lifestyle
- Coffee Subscription, Flower Subscription, Wine Subscription, Costco Executive Membership

Welcome Gift (Choose 1)

- Leather strap key case & soft knee blanket
- Tumbler & full-carbon mid-size umbrella

※ Detailed information can be found on the Genesis website.
※ Services above may be modified or discontinued due to circumstances of the company and affiliates.

INTERIOR COLORS

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INTERIOR COLORS (PC/Tablet)

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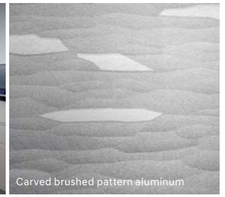
INTERIOR COLORS (Mobile)

Standard design (genuine leather seats)

Obsidian black mono-tone (obsidian black seats)

Urban brown/frozen gray two-tone (frozen gray seats)

Icy blue/glacier white two-tone (glacier white seats)

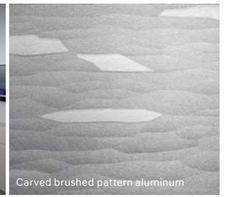

Carved brushed pattern aluminum

Signature Design Selection I (Nappa leather seats, quilting/piping)

Obsidian black mono-tone (obsidian black seats)

Urban brown/frozen gray two-tone (frozen gray seats)

Icy blue/glacier white two-tone (glacier white seats)


Carved brushed pattern aluminum

Signature Design Selection II (Nappa leather seats, quilting/piping)

Obsidian black mono-tone (obsidian black seats)

Urban brown/frozen gray two-tone (frozen gray seats)

Icy blue/glacier white two-tone (glacier white seats)

Milky Way pattern mood lighting (door)

Hairline brushed pattern aluminum (console)

※ Milky Way pattern mood lighting is only on the door trim areas.
※ Ambient mood lamps are available in 10 standard colors and 64 adjustable colors. Depending on the interior colors and selected lighting colors, the color of the lights may appear different from the images depicted

EXTERIOR COLORS

Digital Catalog
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EXTERIOR COLORS (PC/Tablet)

Digital Catalog
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EXTERIOR COLORS (Mobile)

Uyuni white (full package)

Ceres blue (full package)

MATTE

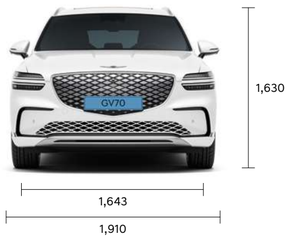
Matterhorn white [FT7]	Makalu gray [MPE]	Storr green [MKG]	Ceres blue [MSA]

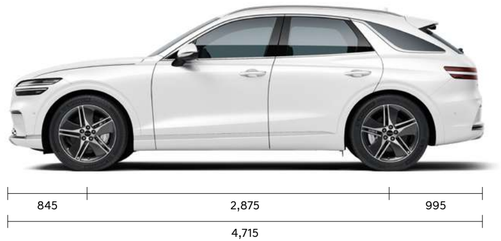
GLOSSY

Uyuni white [UYH]	Savile silver [SSS]	Makalu gray [NCM]	Vik black [PH3]	Storr green [KGN]	Ceres blue [ASA]	Capri blue [NRB]	Mauna red [RJK]

SPECIFICATIONS

※ Units: mm. Track width based on 265/45R20 tires





Drive efficiently: Maintain a constant speed | Fuel efficiency figures are for standard mode. Actual figures may vary depending on factors such as road conditions, driving patterns, vehicle load, and maintenance status. External temperature drops caused by factors such as cold weather may reduce the actual driving range due to decreased battery performance. | Vehicles portrayed in this publication may have optional features and differ from actual vehicles purchased. | Options, colors, and specifications shown in this publication may change to improve the appearance and performance of the vehicle. | For detailed information and notes on the specifications, please refer to the user's manual. | Leather seats make partial use of artificial leather. | The vehicle colors printed in this brochure may differ from the actual colors. | Genesis is sold exclusively through regional branches, official distributors, and certified car masters to ensure reliable product quality and pricing nationwide. | This brochure screen layout/design of the infotainment system may change with the updates. | Specifications may vary according to the trim, package, powertrain, and exterior color that are selected. Please refer to the current month's price list for detailed specifications of each model.

	EV
Overall length (mm)	4,715
Overall width (mm)	1,910
Overall height (mm)	1,630
Wheel base (mm)	2,875
Front wheel tread (mm)	1,647 (19") / 1,643 (20")
Rear wheel tread (mm)	1,661 (19") / 1,657 (20")
Battery type	Lithium-ion
Drivetrain	AWD
Battery capacity (kWh)	84.0
Max. power (kW)	Front: 180, Rear: 180, Total: 360 (based on Boost mode) / Front: 160, Rear: 160, Total: 320 (based on Comfort mode)
Max. torque (Nm)	Front: 350, Rear: 350, Total: 700 (based on Boost mode) / Front: 300, Rear: 300, Total: 600 (based on Comfort mode)

Government-reported fuel efficiency and rating

Model	**Fuel type**	**Rated voltage of battery** (V) **/ capacity** (Ah)	**Tire**	**Curb weight** (kg)	**Energy efficiency rates reported to the government** (fuel efficiency, km/kWh)			**Single-charge driving range** (km)		
					City	**Highway**	**Combined**	**City**	**Highway**	**Combined**
EV	Electricity	697 / 120.6	19"	2,270	4.8	4.2	4.5	448	393	423
EV	Electricity	697 / 120.6	20"	2,290	4.5	3.9	4.2	427	367	400

※ Figures verified by the Ministry of Trade, Industry and Energy.
※ Government-reported fuel efficiency was measured using the latest, reinforced fuel efficiency measurement method.
※ Electric vehicles are heavier than vehicles with an Internal Combustion Engine due to their high-capacity batteries. Therefore, in Korea, the added weight makes this model unsuitable for automated parking systems.

Membership and other detailed information can be found on the Genesis website.

Learn about Genesis Membership

Sign up for body care services

Sign up for Warranty Plus

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