

GV60 MAGMA

SPECIFICATIONS



Overseas model shown. Australian specifications and features may differ.

GENESIS GV60 MAGMA	
ELECTRIC MOTORS	Magma
Motor type - Rear	Permanent Magnet Synchronous Motor
Motor type - Front	Permanent Magnet Synchronous Motor
Configuration	Front and rear mounted, all wheel drive
Maximum power - Rear motor / Front motor	282kW / 168kW (303 kW / 175 kW with boost)
Maximum torque - Rear motor / Front motor	390Nm / 350Nm (420Nm / 370Nm with boost)
Maximum power - Total	448kW (478kW with boost)
Maximum torque - Total	740Nm (790Nm with boost)
BATTERY	PERFORMANCE AWD
Battery type	Lithium-ion
Capacity	84kWh
ON-BOARD AC CHARGER	PERFORMANCE AWD
Charging capacity (maximum)	10.5kW
Standard charging time (10 to 100%)	Approx 7hr 20min with 11kW charger
Charging port	Type 2 (IEC 62196-2 Type 2)
ON-BOARD DC FAST CHARGER	PERFORMANCE AWD
Charger compatibility	400V and 800V
50 kW fast charging time (10 to 80%)	Approx. 81min
350 kW ultra-fast charging time (10 to 80%)	Approx. 18min
Charging port	CCS Combo2 (IEC 62196-3 Configuration FF)
VEHICLE TO LOAD (V2L)	PERFORMANCE AWD
Exterior V2L Adapter	•
Interior Australian socket	•
TRANSMISSION	PERFORMANCE AWD
Reduction gear - Rear	Single speed reduction gear
Reduction gear - Front	Single speed reduction gear
DIFFERENTIAL	PERFORMANCE AWD
Electronically controlled mechanical rear Limited Slip Differential (e-LSD) - Multi-plate clutch type	•
SUSPENSION	PERFORMANCE AWD
Front	MacPherson strut multi-link
Rear	Multi-link (5-link)
Damping control system	Stroke Sensing ECS
BRAKES	PERFORMANCE AWD
Booster	Integrated Electric Booster (IEB)
Front disc dimensions	400 x 34mm

GENESIS GV60 MAGMA	
Front caliper colour	Orange with Genesis word mark
Rear disc dimensions	360 x 20mm
Rear caliper + cover colour	Orange with Genesis word mark
WEIGHT ²	PERFORMANCE AWD
Tare Mass	2,270kg
Gross Vehicle Mass (GVM)	2,740kg
TOWING CAPACITY ³	PERFORMANCE AWD
Braked	2,400kg
Un-braked	750kg
Maximum tow ball weight	100kg
Energy consumption	PERFORMANCE AWD
Electric driving efficiency; Combined (Wh/km):	215
All Electric Range (WLTP) ¹ :	425km
PERFORMANCE	PERFORMANCE AWD
Maximum speed (km/h)	264
0 ~ 100 km/h (seconds)	3.6 (in boost mode)
WHEELS & TYRES	PERFORMANCE AWD
Wheel type	Forged Alloy
Tyre type	Pirelli P Zero
Tyre dimensions	275/35 R21 103Y
Spare wheel type	Tyre Mobility Kit (TMK)
DIMENSIONS ²	PERFORMANCE AWD
Length	4,635mm
Width (excluding exterior mirrors)	1,940mm
Height	1,560mm
Wheelbase	2,900mm
Overhang - Front / Rear	880mm / 855mm
Minimum ground clearance	142mm
ELECTRIC VEHICLE FUNCTIONS	PERFORMANCE AWD
i-PEDAL mode - Intelligent one pedal driving mode	•
Smart / Auto regenerative braking mode 3.0	•
Regenerative braking control - Via paddle shifters	•
Visual notification of charging status (under charge port door) - 8 level LED indicator	•
Next departure function - Set the intended departure time for the scheduled charging	•
Scheduled charging function - Set the intended start and end time for charging; Off-peak tariffs prioritised/Off-peak tariffs only	•
Target temperature function - Set the intended climate control temperature for next departure	•
EV charge transfer function - Set the minimum battery % the V2L automatically discharges down to	•
Charging limit function - Set the defined battery charging limit for AC/DC charging	•
Charging current function - Set the defined battery charging current limit for AC charging	•
Electricity usage display - Energy usage breakdown (driving, climate, electronics, battery care)	•
Utility mode function - Uses the high voltage battery to power vehicle electronics	•
Driver only climate control fan function - Increases driving range	•
Battery conditioning (heating) system - Pre-heat HV battery for improved performance and faster charging	•
Vehicle To Load (V2L) connection	Exterior & Interior
DRIVING CONVENIENCE ⁷	PERFORMANCE AWD
Auto Hold function	•
Electronic Parking Brake (EPB)	•
Integrated Memory System, 2 driver positions, including:	•
Easy Access function - Driver's seat & steering wheel	•
Lane change turn signal function - User configurable	•
Rain sensing windscreen wipers - With Auto control	•

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Smart Key with push button start	•
Remote Start - Via Smart Key	•
Steering wheel mounted controls, including: Drive mode, Audio, custom x2, phone, voice control, lane safety, smart cruise control, speed limiter, trip computer, etc	•
Tilt & telescopic steering column - Power adjustable	•
Personalised User Profile selection - 3 custom profiles; Driver 1, Driver 2 & Guest	•
DRIVING ENGAGEMENT	PERFORMANCE AWD
e-Active Sound Design (ASD)	•
Drive Modes	GT, Sprint, My, Range, Comfort, Sport
Boost Mode	•
Brake Mode - 2 settings; Comfort & Sport	•
Stroke Sensing Electronic Control Suspension - Comfort, Sport, and Sport+	•
Virtual Gear Shift (VGS) functionality - via paddle shifters	•
Launch Control	•
ACTIVE SAFETY	PERFORMANCE AWD
ELECTRONIC STABILITY CONTROL (ESC)	
Includes the following: Anti-lock Braking System (ABS) Brake Assist System (BAS) Electronic Brake-force Distribution (EBD) Hill-start Assist Control (HAC) Multi Collision Brake (MCB) Traction Control System (TCS)	•
GENESIS ACTIVE SAFETY CONTROL ⁴	
Includes the following: Blind-Spot Collision Avoidance-Assist - Rear/Side (BCA-R/S) Blind-Spot View Monitor (BVM) Driver Attention Warning (DAW), including: Forward Collision-Avoidance Assist (FCA), including: Car/Pedestrian/Cyclist detection (FCA - CAR/PED/CYC) Junction Turning/Junction Crossing function (FCA - JT/JC) Lane-Change Oncoming/Lane-Change Side function (FCA - LO/LS) Evasive Steering Assist function (FCA w/ ESA) Intelligent Front-Lighting System (IFS) - Intelligent High Beam function (matrix) Intelligent Speed Limit Assist (ISLA) Lane Keeping Assist - Line/Road-Edge (LKA-L/R) Lane Following Assist (LFA) Parking Collision-Avoidance Assist - Reverse (PCA-R) Pre-active Seat Belt (PSB) - Front seats Rear Cross-Traffic Collision Avoidance-Assist (RCCA) Rear Occupant Warning (ROW) - Logic type Safe Exit Assist (SEA) Smart Cruise Control (SCC), including: Stop & Go function (SCC w/ S&G) Machine Learning function (SCC w/ ML) - Based on Driving Style Surround View Monitor (SVM) including: 3D Surround View function Parking Distance Warning function w/ front & rear dynamic guidelines & guidance display Tailgate guide-line / Trailer connection mode	•
OTHER FEATURES	
Emergency Stop Signal (ESS)	•
Steering wheel with Haptic feedback - Genesis Active Safety Control functions	•
Manual Speed Limit Assist (MSLA)	•

GENESIS GV60 MAGMA	
Parking Distance Warning - Forward/Reverse (PDW-F/R); 6 sensors front & rear with guidance display	•
Smart Parking Assist (SPA), including: Perpendicular, parallel & diagonal reverse parking, and parallel forward exit functions	•
Remote Smart Parking Assist (RSPA), via Smart Key, including: Perpendicular, parallel & oblique reverse parking, and forward/reverse parking functions	•
Tyre Pressure Monitoring System (TPMS) - Individual tyre readout	•
Virtual Engine Sound System (VESS) - External sound notification for pedestrians	•
PASSIVE SAFETY	PERFORMANCE AWD
AIRBAGS - SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	
10 airbags, including: Front airbags - Driver & passenger Front centre side airbag Knee airbag - Driver Side (thorax & pelvis) airbags - Driver and front passenger Side (thorax & pelvis) airbags - Outboard rear passengers Side curtain airbags	•
DOORS	
Impact sensing auto door unlock	•
Electronic child safety lock - Rear doors & windows	•
PEDESTRIAN SAFETY	
Backup Light Guide function - Reverse light projection on ground	•
SEAT BELTS	
Front seat belts, including: Pre-tensioners with load limiters Height adjustable upper mounts	•
Rear seat belts, 3-point, including: Pre-tensioners with load limiters	•
Seat Belt Reminder (SBR) - All positions	•
SEATING	
Height adjustable front seat head restraints with fore-&-aft adjustment	-
Height adjustable rear seat head restraints	•
Child Restraint System (CRS), including: ISOFIX child restraint anchors - Rear outboard seats Top tether child restraint anchors - Rear seats	•
SECURITY	PERFORMANCE AWD
SECURITY SYSTEM	
Central locking - Lock / Unlock controls for all doors	•
Engine immobiliser	•
Theft-Alarm System	•
Auto door lock / unlock operation - User configurable	•
REMOTES / KEYS	
Smart Key remote - 2x	•
Additional mechanical key - 2x	•
BIOMETRICS	
Fingerprint Authentication System - Fingerprint recognition for User Profile selection and vehicle start	•
OTHER FEATURES	
Capacitive touch front door handles - lock/unlock function	•
CONNECTIVITY	PERFORMANCE AWD
VEHICLE FUNCTIONS	
Genesis Connected Services (GCS) ⁵	•
Digital Key 2 ⁶	•

GENESIS GV60 MAGMA	
Over The Air (OTA) software update capability	•
MULTIMEDIA SYSTEM	PERFORMANCE AWD
AUDIO / MEDIA SOURCES	
AM radio	•
FM / Digital Radio (DAB+)	•
Apple CarPlay ¹⁰ / Android Auto ¹¹ compatibility	•
Bluetooth ^{®12} audio streaming	•
Sounds of Nature	•
USB-C multimedia input	•
FUNCTIONS	
Bluetooth ^{®12} Multi-Connection; 1 x phone/audio & 1 x audio	•
27-inch Integrated Wide Display (cclC)	•
Genesis Integrated Controller w/ handwriting recognition pad	•
Satellite navigation, including: Live Traffic updates (RDS-TMC)	•
Quiet mode function - Audio volume limited in the first row and muted in rear	•
SPEAKERS / AMPLIFIER	
17 speaker Bang & Olufsen premium audio system	•
OTHER FEATURES	
Active Noise Control - Road (ANC-R) - Noise cancelling function	•
Colour themes - Black or White	•
EV vehicle functions display	•
OCCUPANT COMFORT & CONVENIENCE	PERFORMANCE AWD
FRONT SEATS	
Magma exclusive bucket seats - Driver & Front Passenger	•
Driver's seat adjustability	10-way including: slide, tilt, height, recline, cushion length
Passenger's seat adjustability	8-way including: slide, tilt, height, recline
Grip handles - Driver & passenger	•
Vanity mirrors - Front sun visors	•
Power outlets, 2x, including: 1 x 12V (180w) - Lower compartment 1 x USB-C charger - Lower compartment	•
Wireless mobile phone charging system ⁹ - Qi standard with cooling function, 'floating' centre console	•
REAR SEATS	
60:40 split folding backrest, including: 2-way manual backrest recline (60:40) function	•
Centre fold down armrest	•
Grip handles - Outer seating positions	•
2 x USB-C charger	•
WINDOWS / SHADES	
Acoustic laminated windshield glass - Sound reducing	•
Acoustic laminated front door glass - Sound reducing	•
Acoustic laminated rear door glass - Sound reducing	•
Privacy glass - Rear side and tailgate glass	•
Power windows, variable up/down speed - One touch up/down and safety function	•
Convenience open/closing function with Smart Key remote - Side windows	•
Rear door window sunshades - Manual type	•
Solar control glass	•
Sun visors - Extendable	•
DOORS / CARGO / TAILGATE	
Power outlet - Cargo area; 1 x 12V (180w) - Drivers' side	•
Power charge flap - Open/close; with Smart Key control	•
Power retractable (flush) door handles - With approach open & unlock function	•
Power Tailgate - Open/close & close/lock; With adjustable height and speed	•

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Smart Tailgate function - Hands-free opening	•
VISION & SIGHT	PERFORMANCE AWD
INSTRUMENT CLUSTER / DRIVING DISPLAYS	
27-inch Integrated Wide Display (ccIC)	•
Digital instrumentation with Driving Assist, Utility (Trip Computer), Turn By Turn & Powertrain view modes	• (including Magma exclusive cluster themes)
Switchable dial display	
Switchable central display	
Head-Up Display (HUD) - 12.0" colour image, including:	•
Turn By Turn navigation information - With junction schematic	
Traffic information - Map-based road signs	
Speedometer	
Cruise setting speed / Manual Speed Limit Assist (MSLA) information	
Genesis Active Safety Control information	
Warning lights	
Radio / Media information	
INTERIOR REAR VIEW MIRROR	
Electric Chromic Mirror (ECM) - Auto-dimming	•
Digital Centre Mirror	•
EXTERIOR REAR VIEW MIRRORS	
Auto-dimming	•
Adjustable	•
Power folding - With automatic function	•
VENTILATION & HEATING	PERFORMANCE AWD
CLIMATE CONTROL	
Fully Automatic Temperature Control (FATC), including:	•
Touch type control panel, 6.0" colour display screen with haptic feedback	
Dual zone 1st row	
Driver only climate control function	
Auto Comfort Control - Auto activation of driver's heated / ventilated seat & heated steering wheel	
Recirculation Mode Plus / Tunnel mode - Active recirculation	
Cooling / heating vents - B-pillars and rear floor	
Heat pump system	
FRONT SEATS	
Heated & ventilated	•
REAR SEATS	
Heated	•
OTHER FEATURES	
Heated steering wheel	•
PTC Heater - Electric heater	•
EXTERIOR STYLING	PERFORMANCE AWD
FRONT	
Genesis logo badge	Matte Black
Lower lip; gloss black	•
Canard wing-type garnish	•
REAR	
Spoiler - Magma exclusive spoiler; body colour; with integrated high mount stop light	•
Spoiler - tailgate mounted; gloss black; with integrated high mount stop light	-
Genesis word badge	Matte black
Rear bumper	Gloss black
SIDE	
Roof rails; Gloss black	-
Sharks-fin antenna; Body coloured	•

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Door frame & mirror housing trim; Gloss black	•
Floating Genesis wheel caps	•
INTERIOR STYLING	PERFORMANCE AWD
UPHOLSTERY / TRIM	
Suede® & leather® appointed interior with Magma styling & stitching	•
Leather® appointed interior	-
Leather® appointed steering wheel	•
Leather® appointed dashboard, upper door & centre armrest with real stitching	•
Premium carpet floor mats	•
Alloy brake & accelerator pedal covers; brushed finish	•
MATERIALS	
Centre console storage lid	Suede
Door arm rest	Suede
Headlining	Suede
Rotary gear shift control dial	Tempered glass with black accents
LIGHTING	PERFORMANCE AWD
EXTERIOR LIGHTING - FRONT	
Headlight functions - Automatic dusk sensing	•
Two-line 'Quad Lamp' headlights - LED, including:	•
Auto-levelling	
Low beam - LED	
High beam - LED	
Integrated Parking lights - LED	
Integrated Daytime Running Lights (DRL) - LED	
Integrated turn signal lights - LED	
Dynamic Welcome Lights - Comfort, Natural, Dynamic	•
EXTERIOR LIGHTING - REAR	
Two-line 'Quad Lamp' tail lights - LED	•
High mount stop light (HMSL), full width - LED	•
Reverse lights - LED	•
Licence plate lights - LED	•
EXTERIOR LIGHTING - SIDE	
Turn signal lights - LED; side mirrors	•
Welcome system, including courtesy lights and puddle lights with Genesis logo	•
INTERIOR LIGHTING	
Glovebox compartment light - LED	•
Room lights including map lights with touch type operation - LED	•
Vanity mirror lights - LED	•
Cargo area lights - LED	•
Under bonnet cargo area light - LED	-
Interior Ambient lighting - Adjustable colour and brightness	•
Fade-out delay - Interior lighting	•
STORAGE SOLUTIONS	PERFORMANCE AWD
FRONT SEATS	
'Floating' centre console, including:	•
Cup holders - 2x	
Glovebox compartment - Sliding drawer type	•
Sunglasses compartment - Overhead console	•
Ticket holders - Sun visors	•
Diffuser storage - Front passenger door grip	•
REAR SEATS	
Coat hooks - 4x	•
Cup holders - Door mounted 2x; Centre armrest 2x	•
Split folding backrest - 60:40	•

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Seatback pockets - Front seatback panel type	-
Storage tray - Rear of centre console with front seat pass-through and adjustable netting	•
CARGO AREA / LUGGAGE COMPARTMENT	
Cargo security screen - Black, retractable, with multiple mounting points	•
Luggage net	•
Luggage net anchor points - 4x	•
Underfloor storage compartments, with multi-fold deck board	•
BONNET	
Front cargo compartment	-

Key:

• = Feature included as standard on trim - = Feature is not available on trim O = Feature is optional on variant

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DISCLAIMERS:

- [1] Source: Australian Design Rule 81/02 static laboratory combined average city and highway cycle test. Real world fuel consumption will vary depending on a combination of driving habits, the condition of the vehicle, and other factors such as road, traffic and weather conditions. ADR 81/02 test results are meant for comparison purposes only.
- [2] Vehicle weight/mass/volume/dimensions shown are approximate only and may vary between individual vehicles. Please confirm before fitting accessories, towing or relying on this figure.
- [3] Towbar capacity is subject to towbar design, vehicle design and towing equipment limitations. Requires a Genesis Genuine Accessory tow bar and tow ball purchased at an additional cost and fitted by an authorised Genesis dealer.
- [4] The accuracy and operation of safety features may vary based on factors including, but not limited to, weather, speed, traffic, road conditions and markings. Availability of some safety features depend on variant and transmission chosen. Please refer to your Owner's Manual for further details on safety feature limitations.
- [5] Genesis Connected Services is complimentary for five (5) years from the date of first registration of a new Genesis Connected Services-enabled vehicle. Subscription fees may apply thereafter. Driver-assist feature only. Only operate in accordance with local road rules and in safe conditions. Requires Genesis Connected Services to be activated, compatible device & app installation, third party info, mobile data, network reception and GPS signal to operate. Mobile usage at user's cost. Not available in areas not covered by the Optus 4G/LTE network in Australia or if services are disabled or terminated. Features and app are subject to change. For details see "https://www.genesis.com/au/en/owners/genesis-connected-services" and view the Genesis Connected Services Manual.
- [6] The Genesis Digital Key 2 feature requires a compatible mobile device, Genesis Connected Services app installation and an active Genesis Connected Services subscription. Features, app and specifications are subject to change. Genesis Digital Key 2 and Digital Key 2 Touch can be shared via the Wallet app (Apple Wallet, Google Wallet and Samsung Wallet) on your mobile device. Shared keys can only be used on devices that are compatible with Genesis Digital Key. Convenience aid only. Not intended as a permanent key replacement.
- [7] The accuracy and operation of driver convenience features may vary based on factors including, but not limited to, weather, speed, traffic, road conditions and markings. Availability of some driver convenience features depend on variant and transmission chosen. Please refer to your Owner's Manual for further details on limitations.
- [8] Finishes specified as leather or suede appointed may contain elements of genuine leather, polyurethane leather (leather substitute) or man-made materials, or a combination thereof.
- [9] Wireless charging requires a Qi-enabled smartphone or adaptor in order to operate.
- [10] Apple CarPlay® requires phone with compatible version of Apple iOS and active data service. Apple® and other third parties are responsible for their respective functionality. Apple CarPlay®, Apple® and iPhone® are registered trademarks of Apple Inc.
- [11] Android Auto™ requires a device with compatible version of Android® and active data service. Google and other third parties are responsible for their respective functionality. Android Auto™ is a trademark of Google LLC.
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