



Genesis Electrified G80 AWD (2025-...) (USA)

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General Info

Years of Production	2025 -
Market Availability	EU
Country of Manufacture	South Korea
Current Status	Produced
Body Style	Sedan
Price USA (New/Used)	\$No data/No data

Range and Efficiency

Range EPA	267 mi
Range WLTP	354 mi
Range GCC	278 mi
Battery (Usable/Nominal)	90/94.5 kWh
Efficiency (Energy/Range)	32.4 kWh/100 mi
Efficiency (Range/Energy)	3.09 mi/kWh

Charging

Architecture	800 V
Max AC Charging	10.9 kW
Max DC Charging	350 kW (230 kW at 400 V)
Charge Port	CCS Type 1

Performance

Drive Type	AWD PMSM (front), PMSM (rear)
Motor (Power/Torque)	272 kW (365 hp)/516 lb-ft
Acceleration 0-60 mph	4.9 s
Top Speed	140 mph

Dimensions

Length	202.2 in
Width (with Mirrors/no Mirrors)	83.3/75.8 in
Height	58.3 in
Wheelbase	123.6 in

Cargo and Towing

Number of Seats	5
Curb Weight	6393 lb
Cargo Volume (Trunk/Max/Frunk)	12.5/No data/No data ft3
Towing Capacity	No data

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About Genesis Electrified G80 AWD (2025-...)

Overview

The 2025 Genesis Electrified G80 is a stunning all-electric luxury sedan that poses a serious threat to established rivals from Germany and California. This AWD model blends jaw-dropping design with a truly opulent interior and potent, silent performance. Positioned as a sophisticated grand tourer, its key selling point is the advanced 800V architecture, enabling some of the fastest charging speeds on the market. While official 2025 pricing is pending, it's expected to start competitively in the luxury EV space, offering incredible value for its feature set and head-turning presence.

What's New for 2025?

For 2025, the Electrified G80 receives a slick mid-cycle refresh, elevating its tech and style game. The biggest news is inside, where a massive 27-inch OLED screen now seamlessly integrates the driver's display and central infotainment. Outside, the front end gets a makeover with a new, more intricate G-Matrix patterned grille and a redesigned bumper for a sharper look. New wheel designs are also on the menu, keeping the G80 looking fresh and modern against its competitors, ensuring this electric executive express remains at the top of its class.

Design & Exterior

The G80's "Athletic Elegance" design is on full display, featuring Genesis's signature two-line LED headlights and a revised Crest Grille with a slick hidden charging port. It's a long, low, and wide sedan, measuring an impressive 202.2 inches in length, 75.8 inches in width, and 58.3 inches in height. The sleek, coupe-like roofline gives it a dynamic profile that looks fast even when standing still. This AWD version maintains the clean, uncluttered aesthetic, proving that you don't need to shout to make a powerful statement on the road.

Interior, Tech & Cargo

Step inside, and you're greeted by a cabin dripping with luxury, featuring high-quality materials and impeccable build quality. The star of the 2025 update is the brilliant 27-inch OLED display, which handles both instruments and infotainment with stunning clarity, including standard Apple CarPlay and Android Auto. Passenger space is generous for five adults. However, practicality takes a slight hit; the trunk offers a modest 12.5 cubic feet of space, and there is no frunk. The rear seats also don't fold, limiting its ultimate cargo-hauling ability for larger items.

Performance & Driving Experience

This thing is deceptively quick. The dual-motor AWD setup, powered by front and rear Permanent Magnet Synchronous Motors, delivers a combined 365 horsepower and a hefty 516 lb-ft of torque. That's enough to launch this luxury liner from 0-60 mph in just 4.9 seconds, with a top speed of 140 mph. On the road, it prioritizes serene comfort over racetrack agility, gliding over bumps with a supple and controlled ride. The 'i-Pedal' setting allows for smooth one-pedal driving, making city commutes an absolute breeze.

Range, Battery & Charging

The Electrified G80 is a charging champion thanks to its 800V architecture. It packs a 90 kWh usable

battery pack, which Green Cars Compare calculates will deliver a real-world range of about 301 miles. Efficiency is solid at 3.34 mi/kWh. At home, the standard 10.9 kW on-board charger can top it up overnight. Find a 350 kW DC fast charger, and you can blast from 10-80% in around 22 minutes via its CCS Type 1 port. It also features standard Vehicle-to-Load (V2L) capability to power external devices.

Safety & Driver-Assistance Features

While the 2025 EV hasn't been specifically rated by NHTSA, it's built on the gas-powered G80 platform, a perennial IIHS Top Safety Pick+. Genesis doesn't skimp on safety tech; it comes loaded with a comprehensive suite of driver aids. The fantastic Highway Driving Assist 2 (HDA2) is standard, providing semi-autonomous driving with adaptive cruise control, lane-centering, and automated lane-change assistance. Standard features also include forward collision avoidance, blind-spot monitoring with in-cluster camera feeds, and rear cross-traffic alert, making it a fortress of safety.

Warranty & Maintenance Coverage

Genesis offers one of the best ownership packages in the business, giving you serious peace of mind. The G80 is covered by a 5-year/60,000-mile basic warranty and an outstanding 10-year/100,000-mile powertrain warranty. The EV battery is also covered for 10 years/100,000 miles, guaranteeing against significant degradation. To top it off, Genesis includes 3 years/36,000 miles of complimentary scheduled maintenance, complete with their signature valet service that picks up your car for you. Now that's luxury service!

How powerful is it? How fast does it accelerate?

The Genesis Electrified G80 AWD (2025-...) can accelerate from 0 to 60 mph in 4.9 seconds ([Nº33 out of 120 ranked positions](#), among 1014 electric vehicles, with some cars sharing positions) and reach a top speed of 140 mph.

The car's powertrain delivers up to 272 kW (365 hp) of power and 516 lb-ft of torque.

How far can it go on single charge? What is the real-world range?

Real-world range of the Genesis Electrified G80 AWD (2025-...) is 278 miles ([Nº106 out of 272 ranked positions](#), among 1014 electric vehicles, with some cars sharing positions) — depending on several factors, including:

- Speed: Higher speeds deplete the battery faster.
- Temperature: Extreme cold and hot weather impacts range.
- Terrain: Hilly or mountainous terrain reduces range.
- Driving style: Aggressive driving with frequent acceleration and braking consumes more energy.
- Use of features: Features like climate control and media system also affect range.

It's important to remember that these are just estimates, and your actual range may vary. It's always best to factor in these various factors when planning your trip and be prepared for potential charging stops.

Plan your trips using the [EV Navigation interactive map](#).

What charging options are available? How long does it take to charge it?

In the USA Genesis Electrified G80 AWD (2025-...) has a CCS Type 1 charge port.

- You can charge it at home using a standard domestic socket or plug into any public AC charging station using the right cable. Keep in mind that the car's on-board charger (inverter) limits the maximum AC charging rate to 10.9 kW, which translates to approximately 30 miles of range added per hour of charging.
- For quicker charging, consider using a compatible DC fast-charging station. The car boasts a maximum charging rate of 350 kW, but remember that battery temperature and charge level can influence the actual speed you'll experience.

Estimate charging time, rate and cost using [EV Charging Calculator](#).

How big is it? What are the dimensions (length, width, height)?

Here are the dimensions and weight for the Genesis Electrified G80 AWD (2025-...):

- Length: 202.2 in
- Width: 83.3 in (including side mirrors) or 75.8 in (excluding side mirrors)
- Height: 58.3 in
- Wheelbase: 123.6 in (distance between the center of the front and rear wheels)
- Curb weight: 6393 lbs (weight of the empty car, no people or cargo)

How much cargo space does it offer? Does it have a front trunk?

Here's a breakdown of the Genesis Electrified G80 AWD (2025-...) cargo space:

- Trunk capacity: With the rear seats up, you get 12.5 cubic feet of cargo space in the back ([Nº131 out of 170 ranked positions](#), among 1014 electric vehicles, with some cars sharing positions).
- Max cargo capacity: Fold down the rear seats, and you open up cubic feet of total cargo space ([Nº out of ranked positions](#), among 1014 electric vehicles, with some cars sharing positions).
- Frunk capacity: The car doesn't have a "frunk" (front trunk).

Is it suitable for towing? What is the maximum towing capacity?

The car isn't officially rated for towing.

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<https://greencarscompare.com/car/genesis-electrified-g80-awd-2025/>