



Polestar 3 Long Range Dual Motor (2024-...) (Europe)

[Car Page ↗](#)[Charging ↗](#)[FAQs ↗](#)[Video Reviews ↗](#)

General Info

Years of Production	2024 -
Market Availability	EU, USA
Country of Manufacture	USA, China
Current Status	Produced
Body Style	SUV
Price Europe (New/Used)	€81590/No data

Range and Efficiency

Range EPA	507 km
Range WLTP	610 km
Range GCC	500 km
Battery (Usable/Nominal)	107/111 kWh
Efficiency (Energy/Range)	21.4 kWh/100 km
Efficiency (Range/Energy)	4.67 km/kWh

Charging

Architecture	400 V
Max AC Charging	11 kW
Max DC Charging	250 kW
Charge Port	CCS Type 2

Performance

Drive Type	AWD PMSM (front), PMSM (rear)
Motor (Power/Torque)	360 kW (483 hp)/840 Nm
Acceleration 0-100 km/h	5 s
Top Speed	210 km/h

Dimensions

Length	4900 mm
Width (with Mirrors/no Mirrors)	2120/1968 mm
Height	1627 mm
Wheelbase	2985 mm

Cargo and Towing

Number of Seats	5
Curb Weight	2584 kg
Cargo Volume (Trunk/Max/Frunk)	484/1411/32 l
Towing Capacity	2200 kg

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About Polestar 3 Long Range Dual Motor (2024-...)

Overview

The 2025 Polestar 3 Long Range Dual Motor storms into the premium electric SUV scene, offering a potent blend of minimalist Scandinavian design, cracking performance, and cutting-edge tech. This dual-motor, all-wheel-drive beast is aimed squarely at discerning buyers wanting space, pace, and sustainability. As the brand's first SUV, it's a proper head-turner with serious eco-credentials and a commanding road presence. In Europe, expect this highly anticipated model to start around €81,590 new, ready to electrify your family adventures with style. It's a compelling package for those seeking a sophisticated, powerful, and future-forward SUV.

What's New for 2025?

As the Polestar 3 Long Range Dual Motor is a fresh face on the electric avenue, having started production in 2024, the 2025 iteration represents the full roll-out of this exciting new model. Think of it as the definitive launch version, packed with all the initially promised goodies. For European customers, this means getting the latest software refinements, an established feature set, and wider availability. There aren't major year-on-year "changes" yet; instead, it's about the Polestar 3 hitting its stride, delivering its impressive combination of performance, luxury, and advanced technology as intended from day one.

Design & Exterior

Phwoar, the Polestar 3 Long Range Dual Motor is a stunner! It boasts a super slippery, aerodynamic silhouette that screams Scandinavian cool, with a sleek "SmartZone" up front housing sensors and cameras. Signature "Thor's Hammer" dual-blade LED headlights give it a menacing stare, while the flush door handles and clean lines keep things minimalist chic. Standard 21-inch alloys fill the arches nicely. Dimensionally, it's a big rig: 4900 mm long, 1968 mm wide (no mirrors), and 1627 mm tall, giving it serious kerb appeal and presence on the road.

Interior, Tech & Cargo

Step inside the Polestar 3 Long Range Dual Motor and you're greeted by a cabin that's pure class – think sustainable materials, top-notch build quality, and a wonderfully airy feel thanks to the standard panoramic roof. There's ample room for five adults to travel in comfort. For your luggage, you get a decent 484 litres in the boot, expanding to a massive 1411 litres with the rear seats folded flat, plus a handy 32-litre frunk. Tech-wise, a huge 14.5-inch central display running Android Automotive OS with Google built-in and wireless Apple CarPlay is standard.

Performance & Driving Experience

This Long Range Dual Motor variant of the Polestar 3 doesn't just look fast; it IS fast! With two Permanent Magnet Synchronous Motors (one front, one rear) delivering a combined wallop of 360 kW and a mighty 840 Nm of torque to all four wheels, it'll rocket from 0-100 km/h in a blistering 5.0 seconds. Expect a top speed of 210 km/h. Thanks to standard air suspension, the ride is beautifully composed, and it handles surprisingly well for a big SUV. Regenerative braking is strong, allowing for proper one-pedal driving. It's properly sorted.

Range, Battery & Charging

The Polestar 3 Long Range Dual Motor packs a hefty 107 kWh usable battery, giving it a Green Cars Compare estimated real-world range of around 500 km – plenty for big adventures. Efficiency is rated at a respectable 4.67 km/kWh. Juice it up at home via the standard 11 kW AC on-board charger (0-100% in about 9-10 hours). Out and about, it can guzzle electrons at up to 250 kW from a DC fast charger using its CCS Type 2 port, zapping the battery from 10-80% in roughly 30 minutes. V2L capability is also on board!

Safety & Driver-Assistance Features

While an official Euro NCAP rating for the Polestar 3 is eagerly awaited, it's engineered with Volvo's safety DNA and is expected to score top marks. It's absolutely brimming with standard safety kit. You get Polestar Pilot Assist, which bundles adaptive cruise control and lane-keeping aid for relaxed motorway munching. Also standard are features like Blind Spot Information System with steer assist, Cross Traffic Alert with brake support, numerous collision avoidance and mitigation systems, and a 360° camera. This machine is designed to keep you and yours incredibly safe.

Warranty & Maintenance Coverage

Polestar typically backs the 3 Long Range Dual Motor with a comprehensive 2-year/unlimited kilometre vehicle warranty in Europe, though this can vary slightly by country. The all-important battery pack is covered for 8 years or 160,000 km, whichever comes first, with a guarantee of at least 70% state-of-health. To sweeten the deal, Polestar often includes complimentary scheduled maintenance for the first 3 years or 50,000 km. This provides good peace of mind for early adopters of this cutting-edge electric SUV, reflecting confidence in its reliability.

How powerful is it? How fast does it accelerate?

The Polestar 3 Long Range Dual Motor (2024-...) can accelerate from 0 to 60 mph in 4.8 seconds ([Nº32 out of 120 ranked positions](#), among 999 electric vehicles, with some cars sharing positions) and reach a top speed of 130 mph.

The car's powertrain delivers up to 360 kW (483 hp) of power and 620 lb-ft of torque.

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

Real-world range of the Polestar 3 Long Range Dual Motor (2024-...) is 311 miles ([Nº69 out of 268 ranked positions](#), among 999 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 Polestar 3 Long Range Dual Motor (2024-...) 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 11 kW, which translates to approximately 29 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 250 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 Polestar 3 Long Range Dual Motor (2024-...):

- Length: 192.9 in
- Width: 83.5 in (including side mirrors) or 77.5 in (excluding side mirrors)
- Height: 64.1 in
- Wheelbase: 117.5 in (distance between the center of the front and rear wheels)
- Curb weight: 5697 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 Polestar 3 Long Range Dual Motor (2024-...) cargo space:

- Trunk capacity: With the rear seats up, you get 17.1 cubic feet of cargo space in the back ([Nº91 out of 169 ranked positions](#), among 999 electric vehicles, with some cars sharing positions).
- Max cargo capacity: Fold down the rear seats, and you open up 49.8 cubic feet of total cargo space ([Nº116 out of 204 ranked positions](#), among 999 electric vehicles, with some cars sharing positions).
- Frunk capacity: The front trunk is called a "frunk", and it offers an additional 1.1 cubic feet for storing small items.

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

The Polestar 3 Long Range Dual Motor (2024-...) has a towing capacity (braked) of up to 3500 lbs (maximum weight the car can tow safely with a trailer that has its own brakes).

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