



Polestar 4 Long Range Single Motor (2024-...) (Europe)

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

General Info

Years of Production	2024 -
Market Availability	EU, USA
Country of Manufacture	South Korea, China
Current Status	Produced
Body Style	SUV
Price Europe (New/Used)	€57900/No data

Range and Efficiency

Range EPA	483 km
Range WLTP	610 km
Range GCC	489 km
Battery (Usable/Nominal)	94/100 kWh
Efficiency (Energy/Range)	19.2 kWh/100 km
Efficiency (Range/Energy)	5.2 km/kWh

Charging

Architecture	400 V
Max AC Charging	22 kW
Max DC Charging	200 kW
Charge Port	CCS Type 2

Performance

Drive Type	RWD PMSM (front), PMSM (rear)
Motor (Power/Torque)	200 kW (268 hp)/343 Nm
Acceleration 0-100 km/h	7.1 s
Top Speed	200 km/h

Dimensions

Length	4840 mm
Width (with Mirrors/no Mirrors)	2139/2008 mm
Height	1534 mm
Wheelbase	2999 mm

Cargo and Towing

Number of Seats	5
Curb Weight	2230 kg
Cargo Volume (Trunk/Max/Frunk)	526/1536/15 l
Towing Capacity	1500 kg

Download the latest version of this PDF: [Metric units \(km, kg\) ↗](#) [Imperial units \(mi, lb\) ↗](#)

About Polestar 4 Long Range Single Motor (2024-...)

Overview

The 2025 Polestar 4 Long Range Single Motor storms in as a sleek SUV coupé, blending avant-garde Swedish design with impressive electric performance. This rear-wheel-drive variant aims for the sweet spot, offering a fantastic real-world range perfect for European adventures. It's a premium EV contender, turning heads with its distinctive looks and tech-laden cabin. With an estimated new price around €57,900 in the EU, it's positioned to shake up the segment. Expect a refined yet engaging drive, wrapped in Polestar's signature minimalist cool and packed with sustainable materials. This is one seriously stylish electric statement.

What's New for 2025?

For 2025, the Polestar 4 Long Range Single Motor *is* the big news! Freshly launched, this specific trim brings its unique take on the electric SUV coupé to Europe. Highlights include its striking design, particularly the much-discussed absence of a traditional rear window, relying instead on a high-definition digital feed. This RWD model focuses on maximising range from its substantial battery, making it an appealing new option for long-distance EV drivers. It also features Polestar's latest Android Automotive OS infotainment, promising a cutting-edge, connected experience straight out of the box for its debut year.

Design & Exterior

Phwoar, what a looker! The Polestar 4 Long Range Single Motor boasts a super-slippery SUV coupé silhouette that screams future. Up front, you get those signature Thor's Hammer-inspired dual blade lights, while the rear features a full-width light bar that's pure sci-fi. The most audacious bit? No rear window! Instead, a roof-mounted camera gives you the view. Dimensions are substantial: 4840 mm long, a chunky 2008 mm wide (excluding mirrors), and a sporty 1534 mm tall. This trim rides on stylish alloys, completing its poised, athletic stance.

Interior, Tech & Cargo

Step inside the Polestar 4 Long Range Single Motor and you're greeted by a cabin that's both minimalist and mega-luxurious, with a strong focus on sustainable materials. A panoramic glass roof bathes the five-seat interior in light, offering ample space. Cargo-wise, you're looking at a useful 526 litres in the boot, expanding to a massive 1536 litres with the seats down, plus a handy 15-litre frunk for your charge cables. Tech is dominated by a huge 15.4-inch central touchscreen running Google's Android Automotive OS, paired with a crisp 10.2-inch driver display.

Performance & Driving Experience

This Long Range Single Motor Polestar 4 isn't just about looks; it's got the go to match its RWD setup! It'll whisk you from 0-100 km/h in a respectable 7.1 seconds, thanks to its potent 200 kW (272 hp) rear-mounted electric motor, which also churns out a healthy 343 Nm of torque. Expect that classic, engaging rear-wheel-drive character – fun through the twisties but also a supremely comfortable and quiet cruiser. The regenerative braking is well-calibrated, allowing for smooth one-pedal driving adventures, making city driving a doddle.

Range, Battery & Charging

Juice for days! The Polestar 4 Long Range Single Motor packs a hefty 94 kWh usable battery, delivering a Green Cars Compare calculated real-world range of around 489 km – plenty for most European escapades. Efficiency is a strong 5.2 km/kWh. Topping up is a breeze too; its 400V architecture supports a cracking 200 kW DC fast charging, zapping the battery from 10-80% in about 30 minutes. At home, the standard 22 kW AC on-board charger means a full charge overnight is easy peasy via its CCS Type 2 port.

Safety & Driver-Assistance Features

Polestar takes safety seriously, and the Polestar 4 Long Range Single Motor is no exception, though Euro NCAP ratings are pending for this new model but high scores are anticipated. It's stuffed with standard kit, including adaptive cruise control, lane keeping assist, and blind-spot monitoring. That clever HD camera replacing the rear window also enhances visibility. You can expect an array of sensors and cameras working tirelessly to keep you safe, with optional packs likely offering even more advanced features like Pilot Assist for semi-autonomous driving capability.

Warranty & Maintenance Coverage

Polestar typically offers solid peace of mind. For the Polestar 4 Long Range Single Motor in Europe, expect a comprehensive vehicle warranty, usually around 2 years with unlimited kilometres. The crucial battery pack is covered for a lengthy 8 years or 160,000 km, whichever comes first, guaranteeing against significant degradation. Powertrain components are also well-covered. While specifics on complimentary maintenance can vary by region, Polestars are generally known for their reliability, meaning fewer trips to the workshop and more time enjoying that electrifying drive.

How powerful is it? How fast does it accelerate?

The Polestar 4 Long Range Single Motor (2024-...) achieves a 0 to 60 mph acceleration in 6.9 seconds (placing it at [Nº53 out of 120 ranked positions](#), among 999 electric vehicles, with some cars sharing positions) and attains a maximum speed of 124 mph.

Its powertrain provides a power output of up to 200 kW (268 hp) and a torque of 253 lb-ft.

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

Polestar 4 Long Range Single Motor (2024-...) achieves a real-world range of 304 miles, placing it at [Nº76 among 268 ranked positions](#). However, this range is subject to several influences:

- Speed: Traveling at higher speeds reduces battery life.
- Temperature: Extreme cold or hot weather can affect range.
- Terrain: Hilly or mountainous landscapes decrease range.
- Driving habits: Aggressive driving with frequent acceleration and braking consumes more energy.
- Feature usage: Climate control and media systems also influence range.

It's important to acknowledge that these are estimations, and your actual driving range may differ. Consider these factors when planning your trip and be ready for potential charging stops.

Utilize the [interactive EV Navigation map](#) for trip planning assistance.

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

charge it?

The Polestar 4 Long Range Single Motor (2024-...) in the USA comes with a CCS Type 1 charging port. It can be charged at home using a standard domestic socket or at any public AC charging station with the compatible cable. It's important to note that the car's on-board charger (inverter) limits the maximum AC charging rate to 22 kW, resulting in approximately 64 miles of range added per hour of charging.

For significantly faster charging, public DC fast-charging stations are available. Although the car can achieve a maximum DC charging rate of 200 kW, factors such as battery temperature and charge level may affect the actual charging speed.

Use [EV Charging Calculator](#) to estimate charging time, rate, and cost.

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

The size and weight specifications for Polestar 4 Long Range Single Motor (2024-...) are as follows:

- Length: 190.6 in
- Width: 84.2 in (including side mirrors) or 79.1 in (excluding side mirrors)
- Height: 60.4 in
- Wheelbase: 118.1 in (distance between the center of the front and rear wheels)
- Curb weight: 5137 lbs (weight of the empty car, no people or cargo)

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

The rear cargo area of the Polestar 4 Long Range Single Motor (2024-...) provides 18.6 cubic feet of space when the rear seats are upright ([Nº77 out of 169 ranked positions](#), among 999 electric vehicles, with some cars sharing positions).

Folding these seats down unlocks a maximum cargo capacity of 54.2 cubic feet ([Nº96 out of 204 ranked positions](#), among 999 electric vehicles, with some cars sharing positions).

In addition, the car has a frunk, a front compartment with 0.5 cubic feet dedicated to smaller items.

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

The Polestar 4 Long Range Single Motor (2024-...) is officially rated to tow 2000 lbs. This applies to trailers equipped with brakes.

Download the latest version of this PDF: [Metric units \(km, kg\) ↗](#) [Imperial units \(mi, lb\) ↗](#)

<https://greencarscompare.com/cars/polestar-4-lr-single-motor/>