



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

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General Info

Years of Production	2024 -
Available in the USA	Yes
Country of Manufacture	USA, China
Current Status	Produced
Body Style	SUV
Price Europe (New/Used)	€78590/No data

Range and Efficiency

Range EPA	563 km
Range WLTP	650 km
Range GCC	544 km
Battery (Usable/Nominal)	107/111 kWh
Efficiency (Energy/Range)	19.7 kWh/100 km
Efficiency (Range/Energy)	5.08 km/kWh

Charging

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

Performance

Drive Type	RWD 1 motor: PMSM
Motor (Power/Torque)	220 kW (295 hp)/490 Nm
Acceleration 0-100 km/h	7.8 s
Top Speed	180 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	2403 kg
Cargo Volume (Trunk/Max/Frunk)	484/1411/32 l
Towing Capacity	1500 kg

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

The Polestar 3 Long Range Single Motor (2024-...) is an all-electric rear-wheel drive SUV. It came out in 2024. Brand new, the car starts around €78,590.

The Polestar 3 Long Range Single Motor (2024-...) has a 111 kWh battery pack, allowing it to travel up to 544 km on a single charge. The car has an average efficiency of 19.7 kWh per 100 km (or 5.08 km per kWh) — ranked №51 out of 820 electric vehicles.

How powerful is it? How fast does it accelerate?

The Polestar 3 Long Range Single Motor (2024-...) is equipped with a powertrain that delivers up to 220 kW (295 hp) of power and 361 lb-ft of torque.

This enables a 0 to 60 mph acceleration in 7.5 seconds (№58 out of 116 ranked positions, among 820 electric vehicles, with some cars sharing positions) and a top speed of 112 mph.

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

The estimated real-world range for Polestar 3 Long Range Single Motor (2024-...) is 338 miles, ranking it №36 out of 249 ranked positions. Several conditions can influence this range:

- Speed: The battery drains faster at higher speeds.
- Temperature: Extreme temperatures can impact range.
- Terrain: Range is reduced on hilly or mountainous terrain.
- Driving style: Aggressive driving behaviors, such as frequent acceleration and braking, decrease efficiency.
- Feature utilization: Climate control and media system usage also affect range.

These figures are approximations, and your actual driving range may vary. When planning trips, consider these factors and be prepared for potential charging stops.

For trip planning assistance, utilize the [EV Navigation interactive map](#).

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

The Polestar 3 Long Range Single Motor (2024-...) in the USA is equipped with a CCS Type 1 charging port. You can charge it conveniently at home using a standard outlet, or utilize any public AC charging station with the appropriate cable. However, the car's built-in charger (inverter) limits the maximum AC charging speed to 11 kW, which translates to roughly 31 miles of range added per hour.

For faster charging, use DC fast-charging stations. The Polestar 3 Long Range Single Motor (2024-...) supports a maximum DC charging rate of 250 kW, but it's important to note that battery temperature and

current charge level can affect the actual charging speed you'll experience.

To estimate charging time, rate, and cost, you can use [EV Charging Calculator](#).

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

Polestar 3 Long Range Single Motor (2024-...) comes in the following dimensions:

- 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: 5298 lbs (weight of the empty car, no people or cargo)

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

Behind the rear seats of the Polestar 3 Long Range Single Motor (2024-...), you'll find 17.1 cubic feet of storage space ([Nº86 out of 157 ranked positions](#), among 820 electric vehicles, with some cars sharing positions).

Folding down the rear seats expands the total cargo capacity to 49.8 cubic feet ([Nº100 out of 177 ranked positions](#), among 820 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 Single Motor (2024-...) can safely tow up to 2000 lbs, provided that the trailer has its own braking system.

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