



Polestar 2 Long Range Performance (2021-2023) (Europe)

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General Info

Years of Production	2021 - 2023
Market Availability	EU, USA
Country of Manufacture	China
Current Status	Discontinued
Body Style	Liftback
Price Europe (New/Used)	€No data/33450

Range and Efficiency

Range EPA	418 km
Range WLTP	468 km
Range GCC	397 km
Battery (Usable/Nominal)	75/78 kWh
Efficiency (Energy/Range)	18.9 kWh/100 km
Efficiency (Range/Energy)	5.29 km/kWh

Charging

Architecture	400 V
Max AC Charging	11 kW
Max DC Charging	150 kW
Charge Port	CCS Type 2

Performance

Drive Type	AWD PMSM (front), PMSM (rear)
Motor (Power/Torque)	350 kW (469 hp)/680 Nm
Acceleration 0-100 km/h	4.4 s
Top Speed	205 km/h

Dimensions

Length	4606 mm
Width (with Mirrors/no Mirrors)	1985/1859 mm
Height	1473 mm
Wheelbase	2735 mm

Cargo and Towing

Number of Seats	5
Curb Weight	2110 kg
Cargo Volume (Trunk/Max/Frunk)	405/1095/41 l
Towing Capacity	1500 kg

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About Polestar 2 Long Range Performance (2021-2023)

Overview

The 2023 Polestar 2 Long Range Performance was the top-tier muscle in Polestar's electric liftback lineup before its MY24 refresh. This Swedish-Chinese EV means business, packing dual motors for all-wheel-drive grip and serious punch, squarely aiming at rivals like the Tesla Model 3 Performance. With distinct styling and a focus on driving dynamics, it represented a sporty, premium choice. As a discontinued model, it's now an enticing prospect on the used market, with estimated prices around €33,450 for this specific, potent configuration. It's a sophisticated speedster with a conscience!

What's New for 2023?

For its final 2023 model year, this specific 'Long Range Performance' variant (350kW AWD) largely carried over its impressive package before a major MY24 overhaul for the Polestar 2 line. Subtle enhancements for some MY23 Polestar 2s included an upgraded heat pump for improved cold-weather efficiency (often in the Plus Pack), new wheel designs, and fresh paint options. Software tweaks continued to refine the Android Automotive OS. This version, with its 350kW output, remained the pinnacle of the pre-facelift Polestar 2's performance offering, a proper send-off before the next generation arrived.

Design & Exterior

The Polestar 2 Long Range Performance boasts a striking, minimalist Scandinavian design that turns heads. Its liftback silhouette is both sleek and practical. Key features include the signature Thor's Hammer pixel LED headlights and distinctive rear light bar. This performance variant often sported 20-inch forged alloy wheels and tell-tale gold Brembo brake callipers, hinting at its capabilities. Dimensions stand at 4606 mm long, 1859 mm wide (no mirrors), and 1473 mm tall, giving it a purposeful, planted stance on the road. It's chiselled, modern, and undeniably cool.

Interior, Tech & Cargo

Inside, the Polestar 2 Long Range Performance offers a cabin of cool, sustainable luxury. Standard WeaveTech vegan upholstery feels premium, and the design is minimalist yet functional. Passenger space is good for four. For your gear, there's a 405-litre boot, expanding to 1095 litres with seats down, plus a handy 41-litre frunk. Tech is dominated by the brilliant Android Automotive OS on an 11.2-inch central screen and 12.3-inch driver display, with Google goodies and Apple CarPlay. A Harman Kardon sound system was a popular upgrade for audiophiles.

Performance & Driving Experience

This Polestar 2 Long Range Performance doesn't hang about! It rockets from 0-100 km/h in a blistering 4.4 seconds. Power comes from dual Permanent Magnet Synchronous Motors, one front and one rear, delivering a combined 350 kW and a hefty 680 Nm of torque through an all-wheel-drive system. This setup, often paired with Öhlins dampers and Brembo brakes, provides an engaging, agile drive with a firm, controlled ride. It's a true driver's EV, offering sharp responses and confidence-inspiring handling, with strong one-pedal regenerative braking.

Range, Battery & Charging

Under the floor, the Long Range Performance houses a 75 kWh usable battery pack, delivering a Green Cars Compare estimated real-world range of 397 km. Its efficiency is rated at a decent 5.29 km/kWh. For charging, it uses a CCS Type 2 port. AC charging maxes out at 11 kW, meaning a full top-up takes around 7-8 hours. Hook it up to a DC fast charger, and it'll gulp down electrons at up to 150 kW, zapping the battery from 10-80% in about 30-35 minutes. Plenty quick for those longer trips!

Safety & Driver-Assistance Features

Safety is paramount in the Polestar 2, reflected in its stellar 5-star Euro NCAP rating. The Long Range Performance comes loaded with standard kit like forward collision warning, autonomous emergency braking, lane keeping aid, and rear parking sensors with a camera. Many examples will feature the optional Pilot Pack, which adds goodies like adaptive cruise control with Pilot Assist for semi-autonomous driving, a 360-degree camera, blind-spot monitoring with steering assist, and cross-traffic alert. It's a reassuringly safe machine.

Warranty & Maintenance Coverage

For European owners, the Polestar 2 Long Range Performance typically came with a comprehensive warranty package. This usually includes a basic vehicle warranty of 3 years or 100,000 km, whichever comes first. Crucially, the high-voltage battery is covered for 8 years or 160,000 km, with a guarantee against excessive degradation (often to 70% state of health). Polestar sometimes included a few years of scheduled maintenance in some markets. Overall reliability is generally strong, benefiting from its Volvo underpinnings, making it a solid used buy.

How powerful is it? How fast does it accelerate?

The Polestar 2 Long Range Performance (2021-2023) is equipped with a powertrain that delivers up to 350 kW (469 hp) of power and 502 lb-ft of torque.

This enables a 0 to 60 mph acceleration in 4.2 seconds ([Nº26 out of 120 ranked positions](#), among 1014 electric vehicles, with some cars sharing positions) and a top speed of 127 mph.

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

The estimated real-world range for Polestar 2 Long Range Performance (2021-2023) is 247 miles, ranking it [Nº136 out of 272 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 2 Long Range Performance (2021-2023) 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 33 miles of range added per hour.

For faster charging, use DC fast-charging stations. The Polestar 2 Long Range Performance (2021-2023) supports a maximum DC charging rate of 150 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 2 Long Range Performance (2021-2023) comes in the following dimensions:

- Length: 181.3 in
- Width: 78.1 in (including side mirrors) or 73.2 in (excluding side mirrors)
- Height: 58 in
- Wheelbase: 107.7 in (distance between the center of the front and rear wheels)
- Curb weight: 4650 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 2 Long Range Performance (2021-2023), you'll find 14.3 cubic feet of storage space ([Nº116 out of 170 ranked positions](#), among 1014 electric vehicles, with some cars sharing positions).

Folding down the rear seats expands the total cargo capacity to 38.7 cubic feet ([Nº162 out of 206 ranked positions](#), among 1014 electric vehicles, with some cars sharing positions).

Frunk capacity: The front trunk is called a "frunk", and it offers an additional 1.4 cubic feet for storing small items.

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

The Polestar 2 Long Range Performance (2021-2023) can safely tow up to 2000 lbs, provided that the trailer has its own braking system.

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