



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

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

General Info

Years of Production	2021 - 2023
Available in the USA	Yes
Country of Manufacture	China
Current Status	Discontinued
Body Style	Liftback
Price USA (New/Used)	\$No data/37777

Range and Efficiency

Range EPA	260 mi
Range WLTP	291 mi
Range GCC	247 mi
Battery (Usable/Nominal)	75/78 kWh
Efficiency (Energy/Range)	30.4 kWh/100 mi
Efficiency (Range/Energy)	3.29 mi/kWh

Charging

Architecture	400 V
Max AC Charging	11 kW
Max DC Charging	150 kW
Charge Port	CCS Type 1

Performance

Drive Type	AWD 2 motors: PMSM (front), PMSM (rear)
Motor (Power/Torque)	350 kW (469 hp)/502 lb-ft
Acceleration 0-60 mph	4.2 s
Top Speed	127 mph

Dimensions

Length	181.3 in
Width (with Mirrors/no Mirrors)	78.1/73.2 in
Height	58 in
Wheelbase	107.7 in

Cargo and Towing

Number of Seats	5
Curb Weight	4650 lb
Cargo Volume (Trunk/Max/Frunk)	14.3/38.7/1.4 ft ³
Towing Capacity	2000 lb

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

About Polestar 2 Long Range Performance (2021-2023)

The Polestar 2 Long Range Performance (2021-2023) is an all-electric all-wheel drive liftback. It came out in 2021. Polestar stopped making the Long Range Performance in 2023 and replaced it with the Polestar 2 Long Range Performance (2023-...). You can still find Polestar 2 Long Range Performance (2021-2023) on the used car market, with prices starting around \$37,777.

The Polestar 2 Long Range Performance (2021-2023) has a 78 kWh battery pack, allowing it to travel up to 247 mi on a single charge — ranked №376 out of 843 electric vehicles.

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 (№25 out of 118 ranked positions, among 843 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 №121 out of 253 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 ([Nº105 out of 154 ranked positions](#), among 843 electric vehicles, with some cars sharing positions).

Folding down the rear seats expands the total cargo capacity to 38.7 cubic feet ([Nº142 out of 178 ranked positions](#), among 843 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.

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

<https://greencarscompare.com/cars/polestar-2-lr-performance-2021/>