



Polestar 2 Long Range Performance (2021) (USA)

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General Info

Years of Production	2021 - 2023
Manufactured in	China
Current Status	Discontinued
Body Style	Liftback

Range and Efficiency

Range EPA	260 mi
Range WLTP TEL	291 mi
Range WLTP TEH	No data
Efficiency per 100 mi	29.5 kWh
Efficiency per mile	295 Wh

Battery and Charging

Battery Capacity Nominal	78 kWh
Battery Capacity Usable	75 kWh
Max Charging Power AC	11 kW
Max Charging Power DC	150 kW
Charge Port	No data

Performance

Drive Type	AWD
Motor Power	350 kW (469 hp)
Motor Torque	502 lb-ft
Acceleration 0-60 mph	4.2 sec
Top Speed	127 mph

Dimensions

Length	181.3 in
Width with mirrors	78.1 in
Width w/o mirrors	73.2 in
Height	58 in
Wheelbase	107.7 in

Cargo and Towing

Number of Seats	5
Curb Weight	4650 lb
Cargo Volume Trunk	14.3 ft3
Cargo Volume Max	38.7 ft3
Cargo Volume Frunk	1.4 ft3
Towing Capacity	2000 lb

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About Polestar 2 Long Range Performance (2021)

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

The Polestar 2 Long Range Performance (2021) has a 78 kWh battery pack, allowing it to travel up to 254 mi on a single charge. The car has an average efficiency of 29.5 kWh per 100 miles (or 295 Wh/mile) — ranked №285 out of 667 electric vehicles.

How powerful is it? How fast does it accelerate?

The Polestar 2 Long Range Performance (2021) achieves a 0 to 60 mph acceleration in 4.2 seconds (placing it at №138 among 667 electric vehicles) and attains a maximum speed of 127 mph.

Its powertrain provides a power output of up to 350 kW (469 hp) and a torque of 502 lb-ft.

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

The estimated How far can it go on single charge? What is the real-world range? for Polestar 2 Long Range Performance (2021) falls between 229–279 miles, ranking it №285 out of 667 electric vehicles. 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?

In the USA Polestar 2 Long Range Performance (2021) 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 34 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 150 kW, but remember that battery temperature and charge level can influence the actual speed you'll experience.

Estimate charging time, rate and cost using [Green Cars Compare Charging Calculator](#).

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

The size and weight specifications for Polestar 2 Long Range Performance (2021) are as follows:

- 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?

Here's a breakdown of the Polestar 2 Long Range Performance (2021) cargo space:

- Trunk capacity: With the rear seats up, you get 14.3 cubic feet of cargo space in the back (ranked №420 out of 667 electric vehicles).
- Max cargo capacity: Fold down the rear seats, and you open up 38.7 cubic feet of total cargo space (ranked №443 out of 667 electric vehicles).
- 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) can safely tow up to 2000 lbs, provided that the trailer has its own braking system.

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