



Polestar 2 Long Range Single Motor (2021) (Europe)

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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	435 km
Range WLTP TEL	551 km
Range WLTP TEH	515 km
Efficiency per 100 km	16.5 kWh
Efficiency per 1 km	165 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	FWD
Motor Power	170 kW (228 hp)
Motor Torque	330 Nm
Acceleration 0-100 km/h	7.4 sec
Top Speed	205 km/h

Dimensions

Length	4606 mm
Width with mirrors	1985 mm
Width w/o mirrors	1859 mm
Height	1482 mm
Wheelbase	2735 mm

Cargo and Towing

Number of Seats	5
Curb Weight	2000 kg
Cargo Volume Trunk	405 l
Cargo Volume Max	1095 l
Cargo Volume Frunk	35 l
Towing Capacity	No data

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About Polestar 2 Long Range Single Motor (2021)

The Polestar 2 Long Range Single Motor (2021) is an all-electric front-wheel drive liftback. It came out in 2021. Polestar stopped making the LR Single Motor (2021) in 2023 and replaced it with the Polestar 2 Long Range Single Motor (2023). You can still find Polestar 2 Long Range Single Motor (2021) on the used car market, with prices starting around €32,880.

The Polestar 2 Long Range Single Motor (2021) has a 78 kWh battery pack, allowing it to travel up to 455 km on a single charge. The car has an average efficiency of 16.5 kWh per 100 km (or 165 Wh/km) — ranked №192 out of 667 electric vehicles.

How powerful is it? How fast does it accelerate?

The Polestar 2 Long Range Single Motor (2021) achieves a 0 to 60 mph acceleration in 7 seconds (placing it at №399 among 667 electric vehicles) and attains a maximum speed of 127 mph.

Its powertrain provides a power output of up to 170 kW (228 hp) and a torque of 243 lb-ft.

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

Polestar 2 Long Range Single Motor (2021) achieves a How far can it go on single charge? What is the real-world range? of 255–311 miles, placing it at №190 among 667 electric vehicles. 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 2 Long Range Single Motor (2021) 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 37 miles of range added per hour.

For faster charging, use DC fast-charging stations. The Polestar 2 Long Range Single Motor (2021)

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 [Green Cars Compare Charging Calculator](#).

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

Here are the dimensions and weight for the Polestar 2 Long Range Single Motor (2021):

- Length: 181.3 in
- Width: 78.1 in (including side mirrors) or 73.2 in (excluding side mirrors)
- Height: 58.3 in
- Wheelbase: 107.7 in (distance between the center of the front and rear wheels)
- Curb weight: 4400 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 Single Motor (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 1.2 cubic feet for storing small items.

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

The Polestar 2 Long Range Single Motor (2021) is officially rated to tow 2000 lbs. This applies to trailers equipped with brakes.

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