

Polestar 2

Specifications



Versions

Standard range Single motor

Motor
Single 165 kW (224 hp) electric motor

Range
440 km (WLTP, testing conditions*)

Acceleration
0-100 km/h in 7.4 seconds

Top speed
160 km/h

Towing weight
1500 kg

Battery
64 kW Lithium-ion, 24 modules

Charging
40 minutes (public charger), 7 hours (home wallbox)

Long range Single motor

Motor
Single 170 kW (231 hp) electric motor

Range
540 km (WLTP, testing conditions*)

Acceleration
0-100 km/h in 7.4 seconds

Top speed
160 km/h

Towing weight
1500 kg

Battery
78 kW Lithium-ion, 27 modules

Charging
40 minutes (public charger), 7 hours (home wallbox)

Long range Dual motor

Motor
Dual electric motors 300 kW (408 hp)

Range
480 km (WLTP, testing conditions*)

Acceleration
0-100 km/h in 4.7 seconds

Top speed
205 km/h

Towing weight
1500 kg

Battery
78 kW Lithium-ion, 27 modules

Charging
40 minutes (public charger), 7 hours (home wallbox)

* The Worldwide Harmonized Light Vehicle Test Procedure (WLTP) measures the range of a car travelling at an average speed of 47 km/h in summer temperatures from a 100% to 0% state of charge. The actual range achieved under real conditions varies depending on driving behaviour and other external factors. The certified WLTP range is therefore normally not achievable in real life.



Chassis

Front suspension	McPherson struts, frequency-dependent dampers	Steering	Driver-adjustable power steering, rack and pinion
Rear suspension	Multi-link, frequency-dependent dampers	Wheels	19" or 20" Diamond Cut Alloy
Structure	Steel monocoque with high torsional stiffness and optimal weight distribution	Tyres	245/45/19 or 245/40/20 Michelin, or Continental, specifically developed for the Polestar 2



Braking system

Brake discs	345X30 mm (front) and 320X20 (rear) ventilated discs	Brake support	Moves the brakepads closer to the discs if the system senses rapid deceleration
Callipers	Dynamic, front and rear, 1 piston	Emergency braking	Applies full braking power if the pedal isn't pressed hard enough in an emergency situation
Motor braking	Regenerative, using the electric motors to slow the car down and recharge the battery		



Interior

Upholstery	Slate, with two-tone Zinc Embossed Textile or Charcoal, with Charcoal Embossed Textile	Steering wheel	WeaveTech (vegan), 14 functions
Decor panels	3D Etched deco, with a geometric pattern	Towing	Optional semi-electric retractable tow bar, operated by a button inside the luggage compartment
Convenience	USB-C mobile charging connectors, sliding armrests, cupholders, glovebox with folding hook, lots of storage options, card and penholder	Climate	Automatic two zone climate system with air conditioning, touch screen control and pre-conditioning option
Lighting	Footwells, glove box, reading lights, vanity lights, luggage space, gear lever, mood lights	Front seats	Power-operated seat cushion
HMI	12.3 inch digital Driver display and 11.15 inch portrait central display	Rear seats	Retractable centre head restraint, split folding backrest and loading hatch



Exterior

Headlights	Adaptive LED units that change their intensity depending on the ambient light	Rear lights	288 LED light blade, with intelligent intensity
Door handles	Touch sensitive locking and unlocking. Requires the car's remote control or Polestar app to work	Door mirrors	Signature frameless mirrors that reduce blind spots. Electrically adjustable, heated and with automatic kerb view mode when reversing



Infotainment and software

Operating system	Google Android Automotive	Voice-control	Google Assistant
In-car apps	Google Maps, native in-car versions of popular media apps, EasyPark parking app, Google Play Store to download more apps	Mobile app functions	Trigger personal settings for seats, mirrors, one-pedal drive and steering feel, pre-entry climate control, keyless entry and start, car status
Mobile app	Dedicated Polestar app for communication with the car, based on a personal profile		



Luggage compartments

Front	35 litres, also containing a first aid kit, warning triangle, tool kit and jack	Volume with upright backrest to the roof	472 litres
Rear	405 litres, with a folding shopping bag holder and a power operated boot lid	Volume with folded backrest	1095 litres



Dimensions

Wheelbase	2,735 mm (107.7 inches)	Ground clearance rear	167 mm (6.9 inches) / 161 mm (6.3 inches) with the Performance package
Length	4,606 mm (181.3 inches)	Height	1,482 mm (58.3 inches) / 1,477 mm (58.1 inches) with the Performance package
Width	1,859 mm (73.2 inches)	Legroom front	1,073 mm (42.2 inches)
Width including mirrors	1,985 mm (78.1 inches)	Legroom rear	862 mm (33.9 inches)
Ground clearance front	151 mm (5.9 inches) / 146 mm (5.7 inches) with the Performance package	Head room front	1,048 mm (41.3 inches)

Find out what Polestar can add to your fleet

Learn more about the benefits of having the Polestar 2 as a sustainable, electric fleet car.

Contact Polestar fleet:
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