

# Polestar 2

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## Specifications



### Drivetrain

Motors	dual 150 kW electric motors (front and rear axle)	Acceleration	0 to 100 km/h (0 to 60 mph) in 4.5 seconds
Power	300 kW / 408 hp	Top speed	127 mph
Torque	660 Nm	Drive	All-wheel drive, computer controlled power delivery
Control	One-pedal drive, where releasing the accelerator slows the car down, or classic two pedal control		



### 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 alloys
Structure	Steel monocoque with high torsional stiffness and 50/50 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 when the pedal isn't pressed hard enough
Motor braking	Regenerative, using the electric motors to slow the car down and recharge the battery		



## Battery

Layout	27 modules, arranged for optimal weight distribution and interior room	Charging	AC and DC, up to 150 kW
Type	Lithium-ion	Range	Up to 292 miles on a full charge (WLTP)
Capacity	78 kWh		

## Performance pack (optional)

Suspension	Öhlins Dual Flow Valve dampers with 22 settings	Wheels	20" forged alloy performance wheels
Brakes	Brembo, 375x35 mm ventilated, drilled discs and 4-piston aluminium callipers	Tyres	245/40/20 Continental Sport Contact 6



## Interior

Upholstery	WeaveTech (vegan) or ventilated Nappa Leather	Steering wheel	WeaveTech (vegan), 14 functions
Decor panels	Black Ash, textile grain or Reconstructed wood (waste saving)	Towing	Optional semi-electric retractable tow bar, operated by a button inside the luggage compartment
Convenience	Wireless mobile charging, sliding armrests, cupholders, glovebox with folding hook, lots of storage options, card and penholders	Climate	Automatic two zone climate system with air conditioning, touch screen control and pre-conditioning option
Lighting	Footwells, glove box, luggage spaces, door pockets, gear lever, door handle ground light, dashboard	Front seats	Heated, ventilated and power operated, with multi-directional lumbar and thigh support
HMI	12.3 inch digital Driver display and 11.15 inch portrait central display	Rear seats	Heated and ventilated, with retractable centre head restraint, split folding backrest and loading hatch



## Exterior

Headlights	84 pixel LED units, individually controlled by a camera, able to shade out oncoming traffic to avoid dazzling	Door mirrors	Electrically adjustable, heated, frameless mirrors, with a bigger mirror surface and automatic kerbview mode when reversing
Rear lights	288 LED light blade, with intelligent intensity and 'welcome' and 'good bye' light sequences	Roof	Panoramic laminated glass roof with illuminated Polestar symbol and solar radiation reduction technology
Door handles	Sensor that detects hands and works together with the remote control or the Polestar app for unlocking		



## 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 (coming soon)		



## 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)



## 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

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: [NA.fleet@polestar.com](mailto:NA.fleet@polestar.com)