

Polestar 2

Specifications



Drivetrain

Motors	dual 150 kW electric motors (front and rear axle)	Acceleration	0-60 mph in 4.5 seconds
Power	300 kW / 408 hp	Top speed	127 mph (205 km/h)
Torque	660 Nm (486 ft-lb)	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		



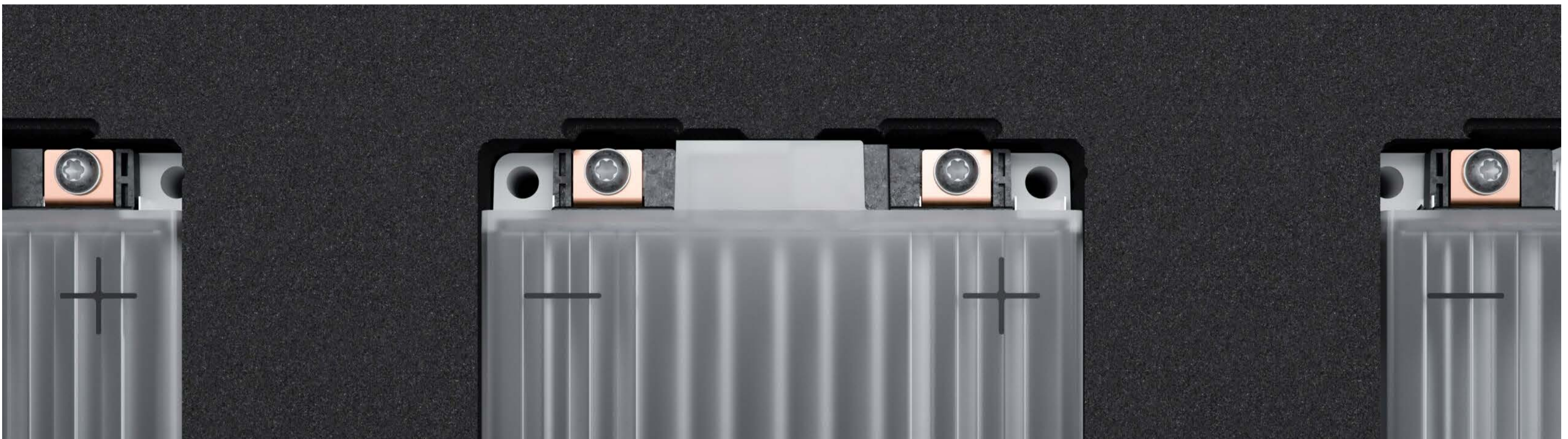
Chassis

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 towbar, operated by a button inside the cargo compartment
Convenience	Wireless smartphone charging, sliding armrests, cupholders, glove compartment with folding hook, lots of storage options, card and pen holders	Climate	Automatic two-zone climate system with air conditioning, touchscreen control and preconditioning option
Lighting	Footwells, glove compartment, cargo spaces, door pockets, gear selector, door handle ground light, dashboard	Front seats	Heated, ventilated and power operated, with multi-directional lumbar and thigh support
HMI	12.3-inch digital instrument panel and 11.15-inch portrait center 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 glare	Door mirrors	Electrically adjustable, heated, frameless mirrors, with a bigger mirror surface and automatic curb-view mode when backing up
Rear lights	288-LED light blade, with intelligent intensity and "welcome" and "goodbye" 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 key 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)



Cargo compartments

Front	35 liters (1.2 cubic feet), also containing a first-aid kit, warning triangle, tool kit and jack	Volume with upright backrest to the roof	472 liters (4.4 cubic feet)
Rear	405 liters (14.3 cubic feet), with a folding shopping bag holder and a power-operated trunk lid	Volume with folded backrest	1095 liters (4.4 cubic feet)

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