

# Polestar 2

## Specifications



### Versions

#### Standard range Single motor

Motor  
Single 165 kW (224 hp) electric motor

Range  
273 miles (WLTP, testing conditions\*)

Acceleration  
0-62 mph in 7.4 seconds

Top speed  
100 mph (160 kph)

Towing weight  
3300 lbs (1500 kg)

Battery  
64 kWh 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  
335 miles (WLTP, testing conditions\*)

Acceleration  
0-62 mph in 7.4 seconds

Top speed  
100 mph (160 kph)

Towing weight  
3300 lbs (1500 kg)

Battery  
78 kWh 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  
298 miles (WLTP, testing conditions\*)

Acceleration  
0-62 mph in 4.7 seconds

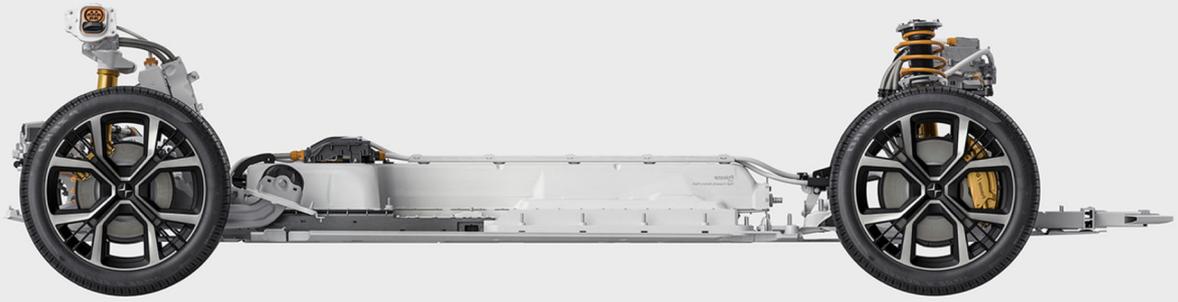
Top speed  
127 mph (205 kph)

Towing weight  
3300 lbs (1500 kg)

Battery  
78 kWh Lithium-ion, 27 modules

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

\* In Europe all electric vehicles are measured against a standardized metric for range. The Worldwide Harmonized Light Vehicle Test Procedure (WLTP) measures the range of a car travelling at an average speed of 30mph 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 | MacPherson 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      | Front seats | Power-operated seat cushion  |
| Decor panels   | 3D Etched deco, with a geometric pattern  | Rear seats  | Retractable centre head restraint, split folding backrest and loading hatch  |
| Steering wheel | WeaveTech (vegan), 14 functions   | 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 | Convenience | USB-C mobile charging connectors, sliding armrests, cupholders, glovebox with folding hook, lots of storage options, card and penholders |
| HMI            | 12.3 inch digital Driver display and 11.15 inch portrait central display                    | Towing      | Optional semi-electric retractable tow bar, operated by a button inside the luggage compartment  |



## Exterior

|             |   |              |   |
|-------------|---|--------------|---|
| Headlights  | Adaptive LED units that change their intensity depending on the ambient light | Door handles | Touch sensitive locking and unlocking. Requires the car's remote control or Polestar app to work                                      |
| Rear lights | 288 LED light blade, with intelligent intensity                               | 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  | Mobile app           | Dedicated Polestar app for communication with the car, based on a personal profile  |
| 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 |
| Voice-control    | Google Assistant   |                      |   |



## Luggage compartments

|       |   |                              |             |
|-------|---|------------------------------|-------------|
| Front | 35 litres, also containing a first aid kit, warning triangle, tool kit and jack | Volume with upright backrest | 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 | Headroom 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.

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