Polestar 2

100% electric





Polestar 2

Polestar 2 updates, year after year. And it is not to keep up with the high pace and new models, but rather to make way for the Polestar evolution. It embodies what Polestar, as a brand, is all about. A five doored and five seated electric fastback with a promise of pure performance, cutting-edge technology, and minimalistic Scandinavian design.



Sculptured surfaces communicate the technical design language of the Polestar 2. Polestar emblems are colour coded at the front and rear of the car. The logo is reflected into the panoramic glass roof.





A practical fastback design with a combined luggage capacity of 446 litres. The rear crystal light blade consists of 288 LEDs that illuminate the full width of the car to give a unique lighting signature.

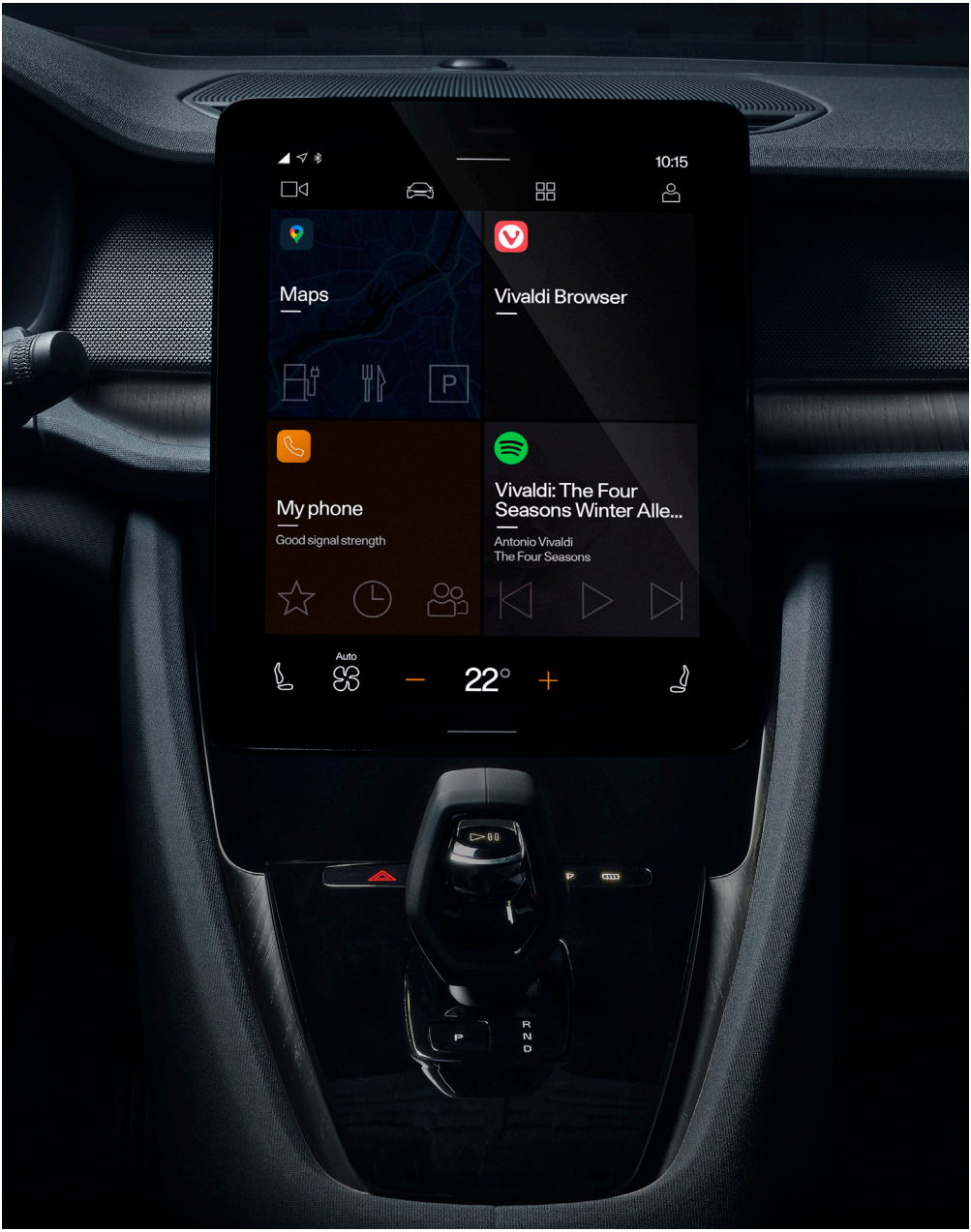



10:15
Drive
Assist
Charge
More
78%
Charge Limit %
40
50
60
70
80
90
100
16 A
Unlock Cable

Charging and range

One of the biggest differences between conventional and electric driving is the way you think about fuel. Instead of driving to a petrol station to refill an empty fuel tank, electric cars redefine parking time as charging time.
So every time you park, you plug it in and top it up. This simple behavioural change will cover your energy needs for most business driving. And for those longer journeys, there's an extensive and ever-growing infrastructure of public charging stations. Polestar 2 can charge in as little as 28 minutes and takes less effort than refuelling a conventional vehicle. With the right facilities available, the battery can be charged when the car is parked at home, at work, in a car park or at a designated public charging point.

The Long range Dual motor powertrain, the most powerful of the three versions available, gives a total range of up to* 591 km, or our Long range Single Motor which has the longest range of all three variants with a total range of up to* 654 km. This is dependent on several factors including the frequency and length of journeys, driving style and daily driving conditions.



The cutting-edge infotainment system has Google Maps built in to ensure the route to your destination is optimized. When driving, music and podcast streaming is available. When parked, video streaming and web browsing can also be accessed.

Technology

The Polestar 2 is the first car in the world with an infotainment system powered by Android, with access to Google Assistant, Google Maps and Google Play Store. Forget scrolling with your phone: the Polestar 2 runs native automotive apps that effortlessly integrate with the infotainmant system and add new dimensions to your everyday life. You can navigate, stream music or ask Google whatever you like. Polestar is embracing the connected nature of Polestar 2 with the availability of Over-the-Air (OTA) updates. Polestar 2 owners in all markets have benefit from remote software updates that mean workshop visits will no-longer be required to enjoy the latest features and functionality developments. This is the new era of the truly connected car.



The SmartZone replaces the Grid, aligning with Polestar 3, and marks the movement from the grill in traditional vehicles. In other words, we go from breathing to seeing. This is where Polestar integrates its sensor technology, including the 360° camera and the radar sensor.



The Polestar 2 side mirrors are a perfect example of our aesthetic approach. Their clean, frameless design is the result of a process of carefully stripping away unnecessary elements to reveal form and function in their simplest expression.







Interior

The Polestar 2 interior is from the masters of avant-garde design. Scandinavian style that brings personality to digital innovation and redefines premium for the electric age.

The award-winning WeaveTech upholstery is fully vegan, free from animal products, and reduces the use of harmful chemicals from 45% (industry standard) to just 1%. It is a water-based (not solvent-based), dirt and moisture-resistant material inspired by sportswear and scuba divers' wetsuits. A new premium material with its own identity and unique characteristics.

Available with the optional Plus pack is the Animal welfare ventilated Nappa leather in Zinc. Traceable, chrome-free and Leather Working Group certified, it adheres to the highest level of animal welfare standards. The leather is produced in collaboration with Bridge of Weir in Scotland and offers a premium look and feel in a more responsible and sustainable way.

The interior inserts are also carefully considered. Light ash deco reinforces the avant-garde style with a natural feel and a contemporary look. 3D Etched deco communicates a unique, technical look. The gear selector moves away from conventional sporting tradition and is instead designed as a technical piece that has a rich and interesting identity all of its own.


10:15
Air quality
Inside
CleanZone®
PM 2.5
Good
2 µg/m³
Outside – pollen
Trees
High
Grass
High
Weeds
No pollen
Outside – pollutants
Auto
22°

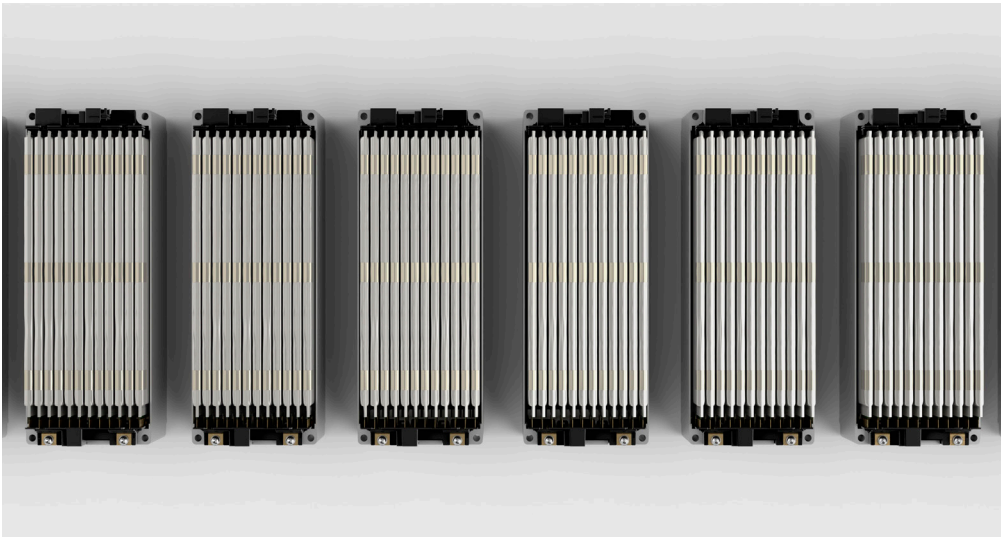
Air quality

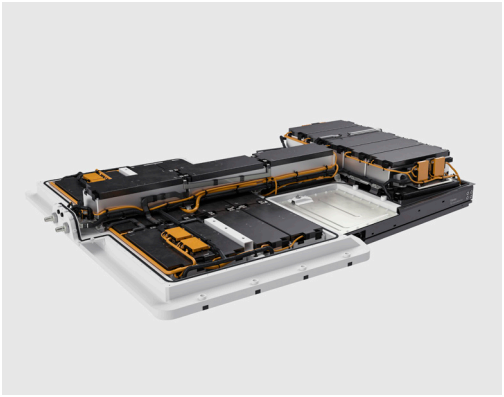
Pure is a word we use a lot at Polestar, especially when it comes to design. But now purity can be discussed in another context: Air quality. A built-in Airborne Particulate Matter Sensor (APMS) can now monitor air particles inside and outside the car. Software then displays air quality information in the centre stack display. An advanced cabin filter is also fitted to the car to ensure air purity in the cabin. APMS, the advanced cabin filter, and the software is available when ordering the Plus pack.

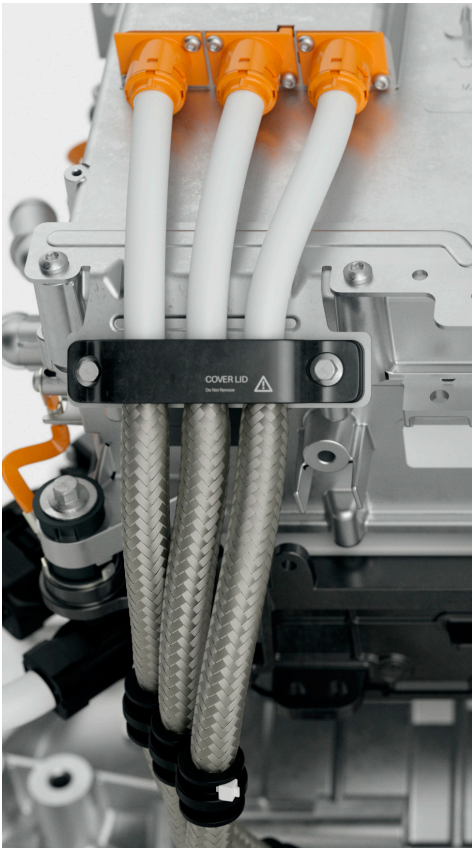


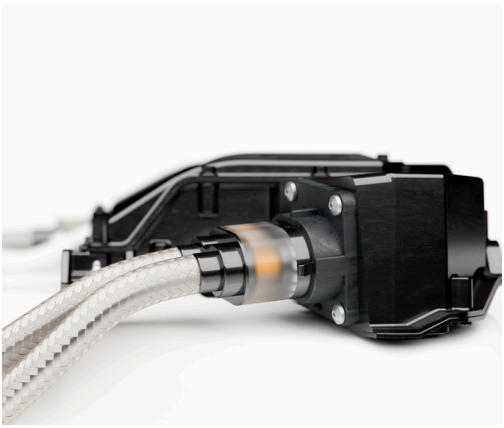
There's nothing standard about the interior of the Polestar 2. Technical and progressive design language is brought to life with modern materials and fresh colours that create a futuristic combination of style and simplicity.

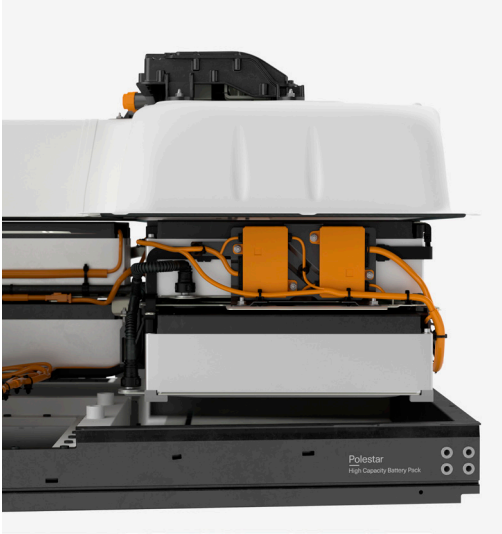

10:15
Maps
Play some music
My phone
Good signal strength
Chime
Alan Gogoll
Blossom
Auto Climate Synced
22°
P
RND

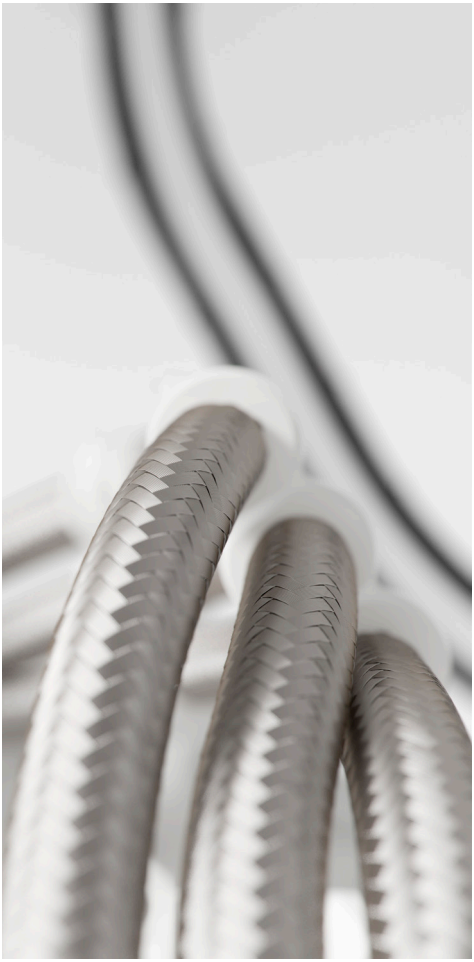





COVER LID




Polestar
High Capacity Battery Pack







Standard range Single motor

Electric motors	Single electric motor (Rear-wheel drive)
Power[1]	200 kW / 272 hp / 268 bhp
Torque[1]	490 Nm / 361 lbf-ft
Range[1]	Up to 518 km / 321 mi (WLTP)
Batteries	69 kWh 24 modules
0 – 100 km/h (0-62 mph)[1]	6.4 secs



Long range Single motor

Electric motors	Single electric motor (Rear-wheel drive)
Power[1]	220 kW / 299 hp / 295 bhp
Torque[1]	490 Nm / 361 lbf-ft
Range[1]	Up to 654 km / 406 mi (WLTP)
Batteries	82 kWh 27 modules
0 – 100 km/h (0-62 mph)[1]	6.2 secs


MLB 808

Long range Dual motor

Electric motors	Dual electric motors (Single motor on front and rear axle)
Power[1]	310 kW / 421 hp / 416 bhp
Torque[1]	740 Nm / 546 lbf-ft
Range[1]	Up to 591 km / 367 mi (WLTP)
Batteries	82 kWh 27 modules
0 – 100 km/h (0-62 mph)[1]	4.5 secs

N.B. Performance pack is only available with Long range Dual motor.
Pack now includes Performance software upgrade in certain markets.



Long range Dual motor with Performance pack

Electric motors	Dual electric motors (Single motor on front and rear axle)
Power[1]	350 kW / 476 hp / 469 bhp
Torque[1]	740 Nm / 546 lbf-ft
Range[1]	Up to 568 km / 352 mi (WLTP)
Batteries	82 kWh 27 modules
0 – 100 km/h (0-62 mph)[1]	4.2 secs

N.B. Performance pack is only available with Long range Dual motor.
Pack now includes Performance software upgrade in certain markets.









4-piston performance brakes by Italian manufacturer Brembo are accompanied by enlarged drilled and ventilated brake discs at the front.

Performance

The Polestar 2 offers an engaging driver experience. With the battery mounted in the base body structure, the result is a car body with +35% more torsional stiffness (than a standard car) and a very low centre of gravity. This is crucial in enabling the agile, sporty driving feel that makes the Polestar 2 a true electric performance car.

For those that want more, there is the Performance pack*. This features brakes by Italian manufacturer Brembo. Finished in Swedish gold, the aluminium calipers offer increased brake rigidity, uniform brake pressure and performance, and quick response regardless of temperature. The Performance pack also features Dual Flow Valve (DFV) dampers from renowned suspension manufacturer Öhlins. These dampers allow the wheels to maintain unparalleled grip and traction, leading to a more responsive ride.

Equipped with Continental Sport Contact tyres, the forged 20" alloy wheels increase strength and maximise road contact. They also include gold-coloured valve caps to match the calipers. In fact, sports seatbelts are also included. In gold of course.

* Performance pack is only available with Long range Dual motor.


Polestar 0 Project
0 tCO_2e

"By pushing ourselves to create a completely climate-neutral car, we are forced to reach beyond what is possible today. We will have to question everything, innovate and look to exponential technologies as we design towards zero."

Thomas Ingenlath
CEO, Polestar

Sustainability

To choose the right path, one must know the destination. At Polestar, we're determined to improve the society we live in by accelerating the change to a fully electric future, focusing on climate neutrality, circularity, transparency and inclusion. Let's call it the greenprint. We are the change we know needs to happen, acting as the guiding star to usher the whole automotive industry in the right direction.

During the last year, the Polestar 2 got more than a tonne lighter. The aluminium tray used for the battery casing is now sourced from smelters using only renewable electricity (0.7 t per car), and the primary aluminium in the 19" rims has been replaced with aluminium produced using hydropower (0.5 t per car). Since 2022, the Polestar 2 manufacturing facility in Taizhou has been powered by 100% solar energy (0.5 t per car). Additional details and information relating to sustainability updates are continually added to the Polestar sustainability declarations.

192009
40 MPH

Safety

Polestar 2 is one of the safest electric vehicles ever tested by Euro NCAP, achieving a five-star rating. Safety equipment is of the highest level with a minimum of eight airbags including inner-side airbags, to the Front Lower Load Path and Severe Partial Offset Collision (SPOC) Block, that are designed to mitigate impact on the battery pack and passenger compartment alike. High-tech safety systems aim to ensure that safety extends beyond structural integrity and occupant protection, including vehicle, cyclist and pedestrian detection support, as well as lane- and roadside departure warning and mitigation systems. The highly advanced Pilot Assist driver assistance system uses a radar and a camera to assist with acceleration, braking and steering at speeds of up to 130 km/h (81 mph).



The rear crystal light blade uses 288 power LEDs to give the rear of the Polestar 2 a unique fullwidth light signature.


Polestar 2

Exterior colours

Snow

A white metallic that makes Polestar 2 look like it's from outer space. A crisp, clean and futuristic look that reflects the electric era.

Jupiter

A warm grey gold metallic with a slight hint of red that communicates the modern forms and technical design details of Polestar 2.

Midnight

An elegant and premium-looking deep blue metallic that perfectly captures the Polestar 2's pressed metal details and sleek fastback form.

Magnesium

A technical finish incorporating fine metallic flakes. Appears solid in low light but reveals its range in increased light conditions.

Thunder

A chameleon of the grey scale. Appears to be a solid grey, but close inspection reveals a metallic hue that makes it stand out.

Space

A metallic black that radiates elegance but on closer inspection, reveals an inner menace that only the darker shades possess.



Space



Midnight



Magnesium



Thunder

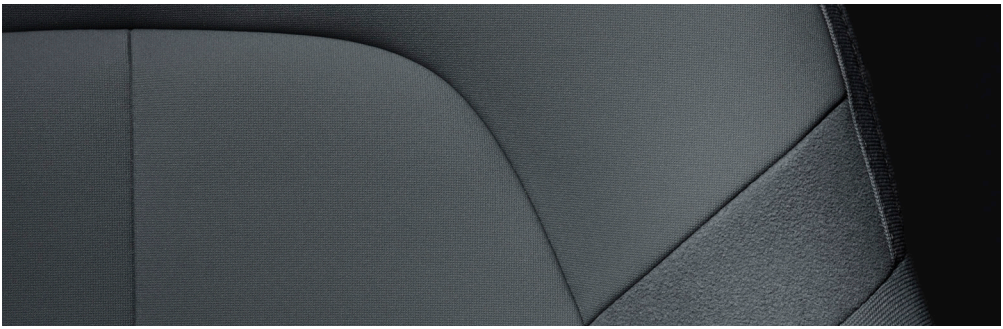


Jupiter

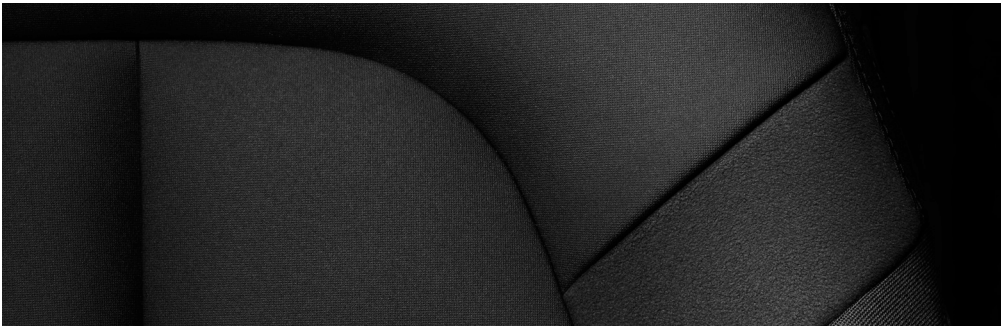


Snow

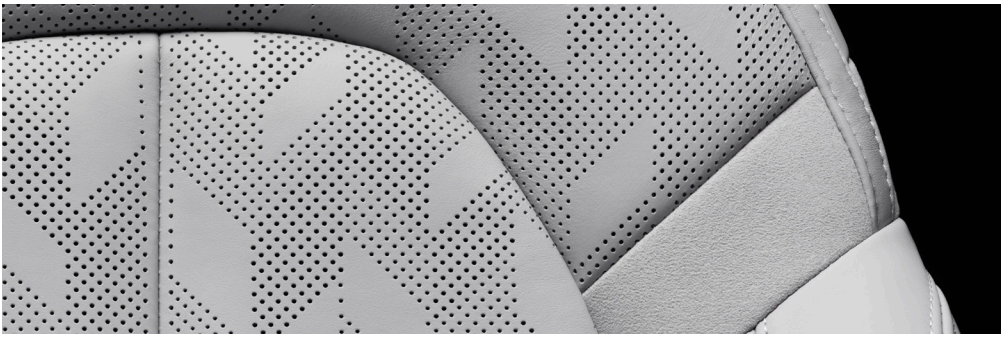
Interior



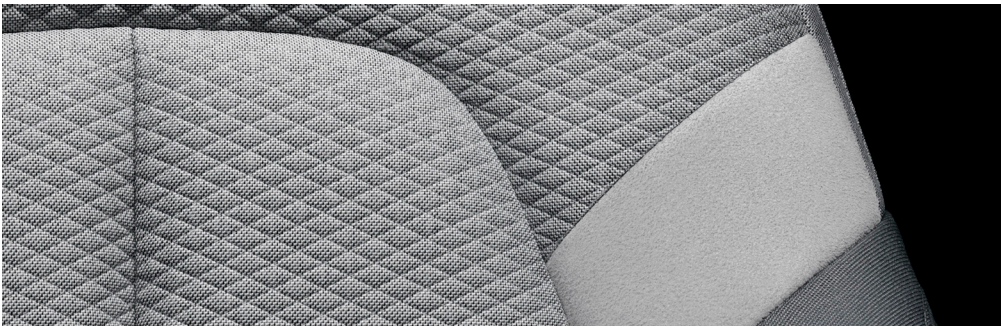
Slate WeaveTech



Charcoal WeaveTech



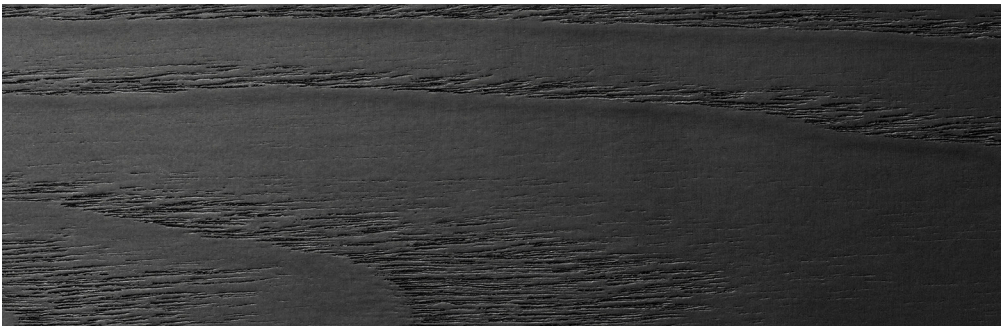
Zinc Nappa leather



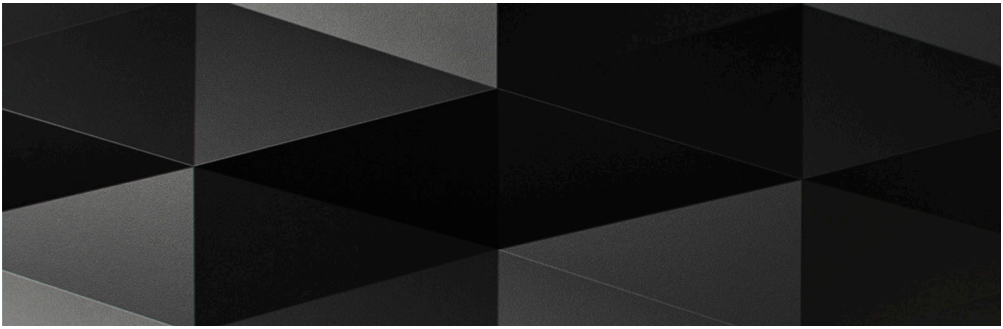
Zinc embossed textile



Charcoal embossed textile



Black ash deco panel



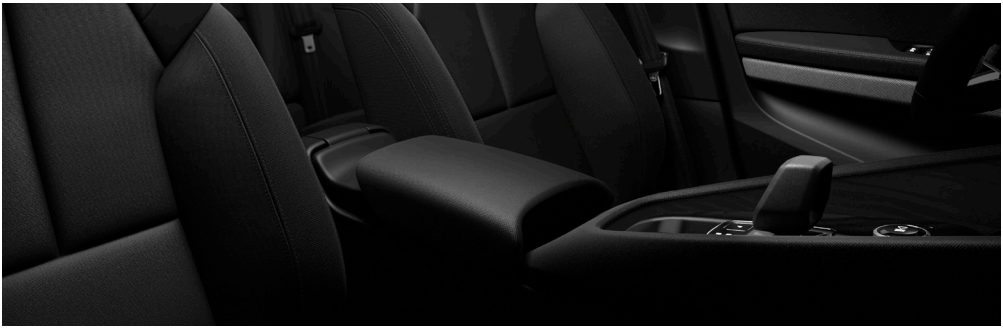
3D Etched deco panel



Light Ash deco panel



Slate interior with Black ash deco panels



Charcoal interior with Black ash deco panels



Animal welfare ventilated Nappa leather in Zinc with light Ash deco

Wheels



20” 4-Multi spoke black polished forged wheel (Performance pack only)



20” 5-V Spoke black silver alloy wheel



19” 5-Double spoke black diamond cut alloy wheel

Included features

Features

Exterior
- Metallic paint
- Colour coordinated Polestar emblems
- Lower cladded door sills
- Avant-garde design
- 19" 5-Double Spoke Black Diamond Cut Alloy Wheel

Interior
- Embossed textile seats in Charcoal or Zinc with 3D Etched deco
- Textile floor mats

Comfort and convenience
- Rain sensor
- Electric tailgate with soft closing
- Semi-electric front seats with mechanical backrests and 4-way power adjustable lumbar support and memory driver's seat
- Rear seat 40/60 split with ski hatch
- 12V power outlet in rear luggage compartment
- Front storage compartment (41 litres)
- Front and rear parking assist
- Rear view camera
- 360° camera
- Park assist sides

Connectivity
- Integrated e-SIM with constant internet connectivity

Infotainment
- Infotainment system powered by Android Automotive OS
- Google built-in (Google Assistant, Google Maps, Google Play Store)
- Apple CarPlay
- Progressive 12,3-inch digital driver display
- 11,15-inch centre display
- 4 x USB-C connectors: 2 front, 2 rear
- 15W inductive charging for smartphone
- 8-speaker high performance audio system, 250W
- Digital radio DAB+
- Bluetooth telephony (all phones compatible)

Please note that due to the global shortage of semiconductors, certain features included in this folder may not be available on your vehicle model. For further information, please visit polestar.com/polestar 2


Polestar
Engineered

Included features and offers

More features

Safety
- ISOFIX outer rear seats and front passenger seat*
- Electric child safety lock in rear doors
- 5-star Euro NCAP rating
- Blind Spot Information System with steer assist
- Cross traffic alert with brake support
- Rear Collision Warning & Mitigation

Lighting and mirrors
- LED headlights with active high beam
- Thor's Hammer daytime running lights
- Full- LED rear light bar with light signature and automatic dimming
- Frameless side mirrors, auto dimming and heat
- Automatically dimmed interior mirror
- Mid-level interior illumination

Climate
- Electronic climate control, 2-zone
- CleanZone with pre-ventilation, multifilter
- Parking climate including scheduled preconditioning
- Heated front seats
  Driving characteristics
- One pedal drive (regenerative braking), adjustable
- Standard cruise control
- Adjustable steering force

Security
- Alarm with interior motion sensor
- x2 Keys

Ownership
- Lifetime over-the-air (OTA) updates
- Polestar app

Offers

Included services**
- Vehicle servicing
- Connected services
- Roadside assistance
- Vehicle warranty

Please note that this is a global brochure, included features and offers may vary from market to market.

* Front passenger seat EU only

** Included services duration may vary from market to market. Check local configurator on polestar.comwor importer webpage to view your included features and services specfic to your market.


MLB 050

Package structures

Pilot pack

- Pixel LED headlights
- LED front fog lights with cornering function
- Pilot Assist
- Adaptive Cruise Control
- Emergency Stop Assist

Plus pack

- Fixed panoramic sunroof with projected Polestar symbol
- Harman Kardon Premium Sound
- Air quality – advanced cabin sensor and filter
- WeaveTech seats in Charcoal or Slate with Black Ash decor inlays
- Fully electrical seats including 4-way power lumbar support, driver seat memory, front cushion leg extension and backrest storage nets
- Heated rear seats, steering wheel and washer fluid wiper nozzles
- Energy saving heat pump
- High-level interior illumination
- Hands free tailgate opening foot sensor
- Polestar digital key
- Tinted rear window
- ”Lid in lid” bag holder in rear luggage compartment

Performance pack*

Performance software upgrade
- 350 kW
- 740 Nm / 546 lb-ft torque
- 0-100 km/h acceleration in 4.2 seconds
- Information stickers

- 20” 4-Multi spoke black polished forged wheels with performance summer tyres
- Gold Brembo four piston aluminiu front calipers
- Drilled ventilated front discs
- Öhlins Dual Flow Valve adjustable shock absorbers
- Polestar Engineered performance chassis
- Gold valve caps
- Gold seat belts front and rear

* Performance pack is only available with Long range Dual motor.
Pack now includes Performance software upgrade in certain markets.



Extras

Extras available (market dependent):

- AutoSock
- Charging cables
- Complete winter wheels 19"*
- Complete winter wheels 20"*
- Load carrier
- Mounting floor eyelets for simplifying mounting of child seat**
- Plastic mats for passenger compartment
- Reversible and foldable textile mat for cargo compartment
- Snow chains
- Sunshade for panoramic roof
- Tow bar

* Friction (Deep tread) or studded tyres in Nordic & EU
** Only Nordic markets









Technical data

Standard range Single motor

Kerb weight (kg):	1940
Dimensions (mm):	L:4606 W:1859 H:1479
Wheelbase (mm):	2736
Tyre specs:	245/40R20, 245/45R19
Luggage volumes front/rear (litres):	41/405 (35/405 North America)

Long range Single motor

Kerb weight (kg):	1994
Dimensions (mm):	L:4606 W:1859 H:1479
Wheelbase (mm):	2736
Tyre specs:	245/40R20, 245/45R19
Luggage volumes front/rear (litres):	41/405 (35/405 North America)

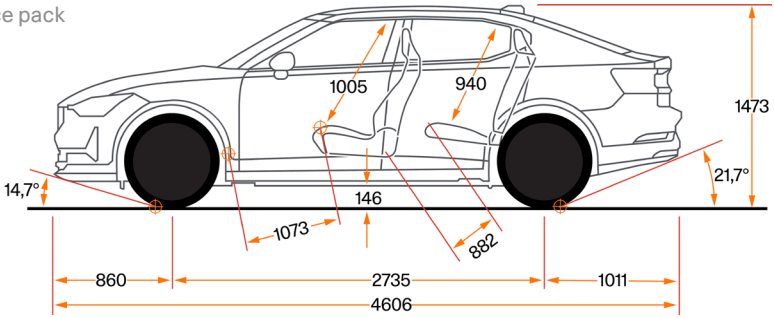
Long range Dual motor

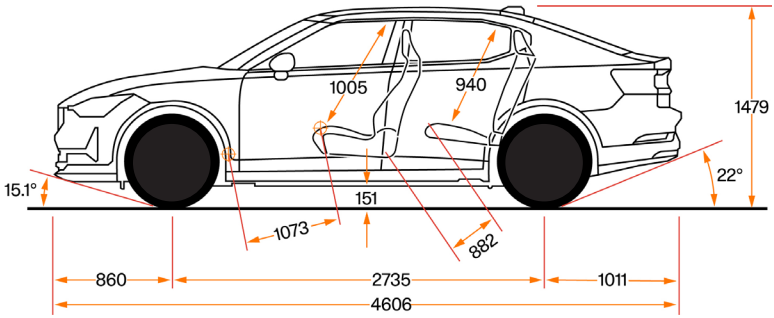
Kerb weight (kg):	2113
Dimensions (mm):	L:4606 W:1859 H:1479
Wheelbase (mm):	2736
Tyre specs:	245/40R20, 245/45R19
Luggage volumes front/rear (litres):	41/405 (35/405 North America)

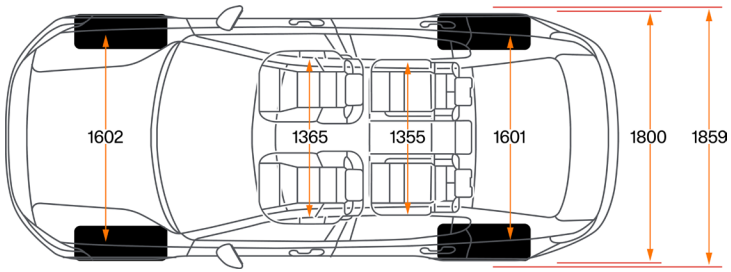
Long range Dual motor with Performance pack

Kerb weight (kg):	2105
Dimensions (mm):	L:4606 W:1859 H:1473
Wheelbase (mm):	2736
Tyre specs:	245/40R20
Luggage volumes front/rear (litres):	41/405 (35/405 North America)

Performance pack









Total cost of ownership

To calculate Total Cost of Ownership (TCO) a balanced comparison of all costs is needed. These include the purchase price, depreciation, maintenance, running costs, fuel, insurance, taxation, grants and subsidies. In many countries the Total Cost of Ownership for electric vehicles is now equal or lower than the equivalent ICE.

In terms of running costs, electricity costs less than most traditional fuels. Service intervals are fewer due to less moving parts. EVs are also supported by government incentives, tax support and accounting. The charging infrastructure continues to expand.

And when it comes to sustainability, zero tailpipe emissions and zero lifecycle emissions are good for individuals, businesses and the bottom line.



Spaces and destinations

Sometimes there's no substitute for actually sitting in the driving seat, trying out the infotainment system, and experiencing the colours in person. Unlike conventional showrooms, Polestar spaces & destinations are carefully designed, unique retail environments. Get to know our cars at your own pace, right in the middle of the city. No salespeople. No pressure. You can learn everything about our cars from our Polestar specialists who are their to provide you with the complete Polestar experience. All of our cars are ordered online at polestar.com but if you have any last questions, then simply book a live Polestar online car tour at your nearest Polestar space.

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[1]Preliminary figures. Subject to final certification.