



# THE VOLVO S60 POLESTAR





# WE'RE POLESTAR

*“To deliver the optimal driving experience, without sacrifice”*

We at Polestar have always been driven by the ambition to optimise the driveability of Volvo cars. To do this, we take advantage of our two decades of know-how and experience gained from pushing Volvo cars to their limits on racing circuits around the world.

Whether we're winning championships or developing performance cars for the open road, our goal remains the same: To deliver the optimal driving experience, without sacrifice.

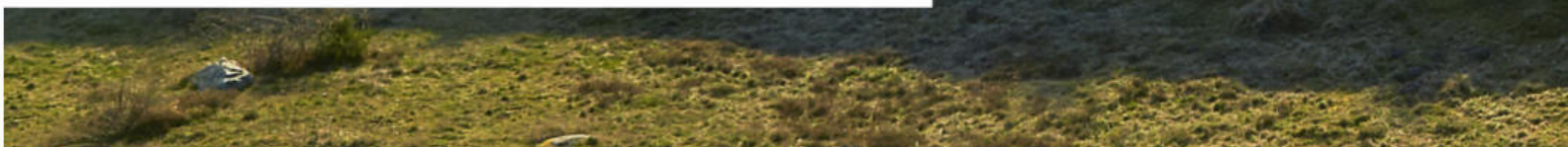
## Contents

WHEN DRIVING MATTERS | 02  
ALL ROADS & CONDITIONS | 04

MEET THE POLESTAR VOLVO | 06  
LEARNINGS FROM THE RACE TRACK | 08  
INTELLISAFE | 10

SENSUS | 12  
SUSTAINABLE DRIVING | 14  
EXTERIOR | 16

RIMS & TYRES | 18  
COLOURS | 19  
INTERIOR | 20  
FACTS & FIGURES | 24





## WHEN DRIVING MATTERS

*“We at Polestar develop cars for people like us – drivers who appreciate cars with full control.”*

Polestar is all about driving. And our single-minded goal has always been to achieve optimal driveability.

Whether our cars are driven on the race track or the open road, they have been designed to be predictable and deliver

optimal balance and control. The race track and the open road offer unique challenges, and optimal driveability is key to making a driver feel confident behind the wheel, regardless of the surface or the purpose of the drive.

All Polestar solutions are developed for people like us – drivers who appreciate driving with full control. In other words, when driving matters.



S60

## **ALL ROADS, ALL CONDITIONS, ALL YEAR ROUND**

*“In our minds, this is the optimal performance car.”*



Performance can mean many things, especially to those designing and building cars. For us, a performance car is a finely tuned instrument in which every component works together to maximise the driving experience, providing both excitement and predictability.

Our S60 Polestar car is the result of two decades of racing experience and knowledge gained from pushing the limits of Volvo cars on race tracks around the world.

With Volvo engineers – and their expertise of building cars for the open road

– we develop performance cars for the real world. Cars that perform on all roads, in all conditions, and all year round.

In our minds, this is the optimal performance car.



Test drive a S60 Polestar car and experience optimal driveability and control for yourself.

FIND YOUR NEAREST DEALER AT  
**[VOLVOCARS.COM/ZA](http://VOLVOCARS.COM/ZA)**

## MEET THE POLESTAR VOLVO

*“A performance car for real life;  
not only for perfect sunny Sundays”*

To build a race car with the sole purpose of being as fast as possible on a closed race track is one thing. Developing a road car with optimal driveability in all conditions is a completely different challenge.

A strong and responsive chassis is key to any great performance car, but it is only one of many ways to achieve a perfectly balanced car. In order to produce optimal driveability, all components need to work together in harmony.

The engine, aerodynamics, brakes, transmission, tyres and suspension must come together in order to deliver what a racing engineer refers to as “a completely balanced package.”

To build the cars we wanted, our Polestar engineers made more than 70 modifications and upgrades to the original Volvo S60 model.

We tested and carefully selected tyres for both summer and winter driving. With our long-time suspension partner, Öhlins®, we developed bespoke shock absorbers at a technology level usually found only in supercars.

To produce a broader torque-band with more power, we gave the T6 engine a new turbo, free-flow active exhaust system and a completely recalibrated engine management system.

Then, we calibrated the transmission to give you more control, while we achieved faster gear shifts and increased driving dynamics with changes to the all-wheel-drive system.

When we looked at stopping power, we decided to upgrade the braking system completely, including six-piston Brembo® brake callipers and 371mm ventilated brake discs.

Finally, we added a calibrated aerodynamic package and a supportive interior, delivering you a completely balanced Polestar experience.





### **Polestar and Cyan Racing**

Together with our motorsport partner, Cyan Racing, we have been pushing Volvo cars to their limits, and sometimes beyond, on racing circuits around the world since 1996. Polestar and Cyan Racing engineers have collaborated on the development and production of numerous high-performance cars and performance optimisations. This collaboration is at the core of our engineering philosophy and our quest of developing and building performance cars and products for driving enthusiasts.



## LEARNINGS FROM THE RACE TRACK

*“A car should never surprise the driver; it should always be predictable and consistent.”*

Nowhere are the demands on a driver more intense and challenging than on the race track; the driver's attention and decision-making abilities are tested to their limits in the most extreme driving conditions. Competitor cars are inches away, on all sides, travelling at speeds most of us will never experience, while everyone is striving to reach the finish line first.

Besides the other competitors, a driver must focus on multiple small details: tyres, race track and weather conditions must be

closely monitored, at the same time as the race engineer relays lap times and critical track information. Each input demands the driver to make split-second decisions.

Under these extreme conditions, a driver must fully trust the car will provide instant feedback when input is given to the steering wheel, pedals and other controls. Even when unexpected events happen, the car should be equally responsive. Whether on the race track or the open road, when the car responds as expected, it generates “driver confidence.”

As Thed Björk, one of Polestar Cyan Racing's drivers, explains: “The car has to behave as I expect it to. If I have to struggle with the car, it's not part of me and I will not feel confident enough to push the car and myself to places we haven't been before. And then I can't win. A car should never surprise the driver; it should always be predictable and consistent. It's as simple as that.”

## THE ESSENCE OF VOLVO

*"...with our S60 Polestar car  
it is likely you will think you are  
driving the safest car in the world."*

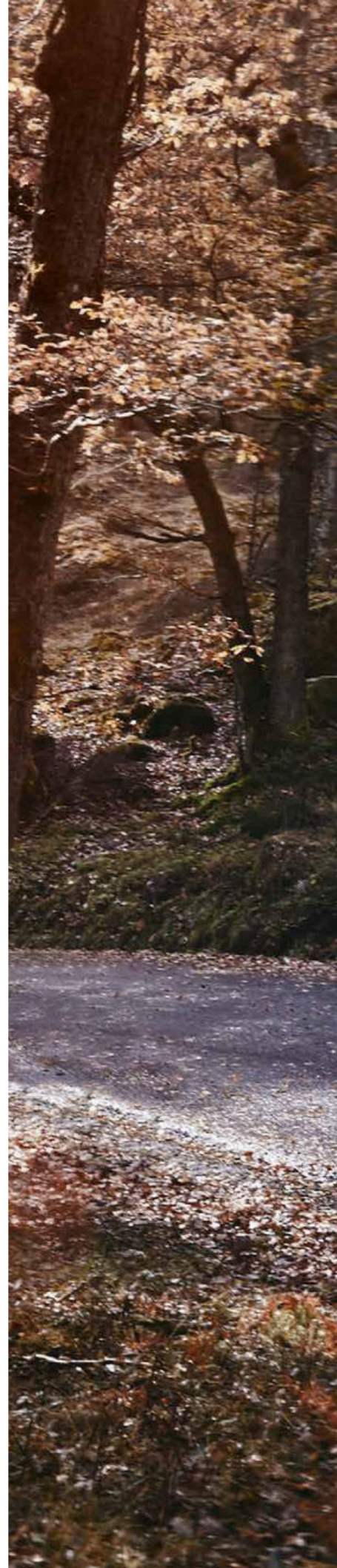
Keeping you, your passengers and people around your car safe is vital to our goal of creating a performance car with optimal driveability. Thankfully, safety is in the DNA of all Volvo Cars. Their tradition and dedication for inventing many of the world's most pioneering life-saving technologies, such as the three-point safety belt, have made Volvo synonymous with vehicle safety.

Their latest development is IntelliSafe – an approach for creating a more harmonious relationship between cars and people. Volvo infuses their cars with smart, intuitive innovations that help you drive safer. Both inside and outside the car, IntelliSafe technologies help

protect people from severe injury.

Our S60 Polestar car carries on the tradition of safety and innovation with performance braking and suspension components, dramatically improving your ability to avoid hazardous situations.

We at Polestar are proud to use Volvo as the foundation for our performance cars, and we fully support their goal "that by 2020, nobody will be seriously injured or killed in a new Volvo." And with the S60 Polestar car it is likely you will think you are driving the safest car in the world.





#### **Safe in the city**

In town, **City Safety** technology is designed to prevent colliding with a car in front should it stop or slow down suddenly. This advanced IntelliSafe system will automatically brake to avoid a crash, it functions up to 50 km/h and a speed difference (with the vehicle in front) of up to 15 km/h.

#### **Eyes in the back of your head**

The blind spot information system (**BLIS™**) uses radar sensor technology to alert you of vehicles that are close to or in your blind spots, cautioning that a lane change is inadvisable. When manoeuvring in or out of tight parking spaces, the Cross Traffic Alert function will let you know about vehicles you can't see.

#### **Open-road avoidance**

When speeds exceed 50 km/h, **Collision Warning with Auto Brake**, lets you know if you're too close to a vehicle and a collision is imminent, day or night. During the day, **Pedestrian and Cyclist Detection** also brakes automatically to avoid a collision with pedestrians and/or cyclists travelling in the same direction as your car.

READ MORE AT [VOLVOCARS.COM](http://VOLVOCARS.COM)



## THE WORLD AT YOUR FINGERTIPS

*“Stay online even when you’re on the road.”*

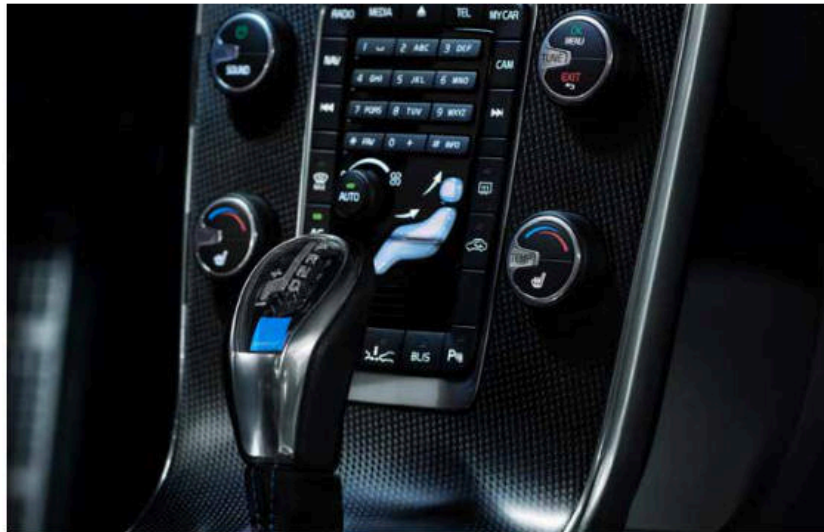
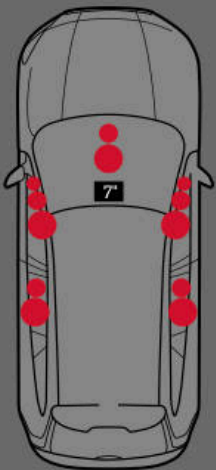
In our pursuit of optimal driveability, we realize you need access to accurate and appropriate information. Volvo facilitates access through an all-encompassing approach that connects you with your car and the world.

Sensus Connect transforms the seven-inch display in the dashboard into an internet-connected infotainment hub, allowing occupants to surf the web, and access basic internet maps and routing. When complemented with Sensus Navigation, a full range of assistance becomes available, including 3-D map views and

sophisticated navigation apps.

And Connected Service Booking allows you to book your car for a service from the comfort of the driver’s seat.

When it comes to pertinent driving information, the Adaptive Digital Display presents you with all you need to know in one of three intuitive modes: Elegance, Eco and Performance



**Music to your ears.** In addition to connectivity, Volvo believes you should enjoy an optimal audio experience. This experience is delivered with state-of-the-art Premium Sound from Harman Kardon®, featuring 12 high-fidelity speakers and an amplifier equipped with Dirac Live® – the next-generation sound enhancement software. With realistic sound and enhanced bass performance, this sound system provides an unparalleled aural experience for everyone in the vehicle.

READ MORE AT [VOLVOCARS.COM](http://VOLVOCARS.COM)





**The power of motion.** The S60 Polestar car incorporates a Stop/Start system and an ECO coast function that disengages the clutch when the accelerator is released at speeds above 65 km/h. Instead of the engine braking and using up fuel in the process, the car continues using its kinetic energy.

READ MORE AT [VOLVOCARS.COM](http://VOLVOCARS.COM)

## POWER-DRIVEN SUSTAINABILITY

*“Optimal driveability without sacrifice, including efficiency”*

Volvo has long been committed to developing sustainable vehicles. Similarly, our two decades of pushing Volvo cars to their limits on racing circuits have given us unparalleled knowledge of how to get the most performance, most efficiently. Thanks to the new generation Drive-E powertrains power and superb driveability are not sacrificed for efficiency and low CO<sub>2</sub> emissions, and vice versa.

The Drive-E powertrain range, consisting of highly efficient 2.0-litre, four-cylinder

turbocharged petrol engines mated to, an all-new eight-speed automatic gearbox – ensures you get optimum performance at any engine speed.

To these powertrains, Polestar engineers have made more than 70 modifications and upgrades to the original Volvo S60 model which includes giving the T6 engine a new turbo, free-flow active exhaust system and a completely recalibrated engine management system.



## FROM THE OUTSIDE

*“Everything on a performance car needs to work as one in order to deliver optimal results.”*

Considering the speeds that performance cars are capable of, it's no wonder most are wind-tunnel tested. In fact, aerodynamics plays an important role in keeping our S60 Polestar car firmly on the road. Here again, our race track experience and know-how pays off.

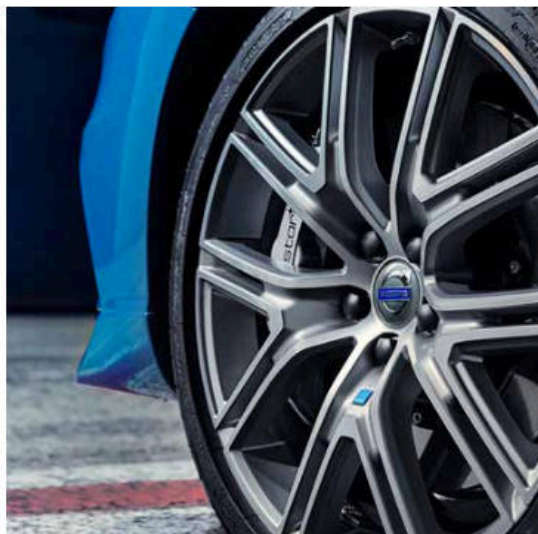
For example, we discovered that by

redesigning the front splitters on our S60 Polestar car, handling is significantly improved by reducing the amount of airflow underneath the car. As an added benefit, the redesign created an understated performance look to the overall design.

To enhance rear-end stability, we redesigned the rear spoiler and diffuser to help

produce downforce, optimising tyre grip and directional control.

Even the design of the bespoke Polestar wheels was created with purpose. The open design supports airflow around the brake system in order to increase brake cooling and endurance during hard driving.





20" Wheels

<b>Rims:</b>	Polestar Engineered Rim ER 171-S
<b>Tyres:</b>	Michelin Pilot super sport 245/35ZR20 (95Y) XL



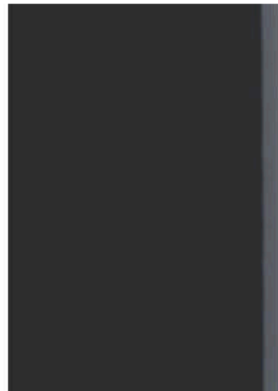
614 Ice White



619 Rebel Blue



711 Bright Silver metallic



717 Onyx Black metallic



## WELCOME INSIDE

*“If you appreciate active driving, prepare yourself for a driving experience with full control.”*

Since we build our S60 Polestar car for you who appreciate active driving, we created an interior to enhance your control and command while driving.

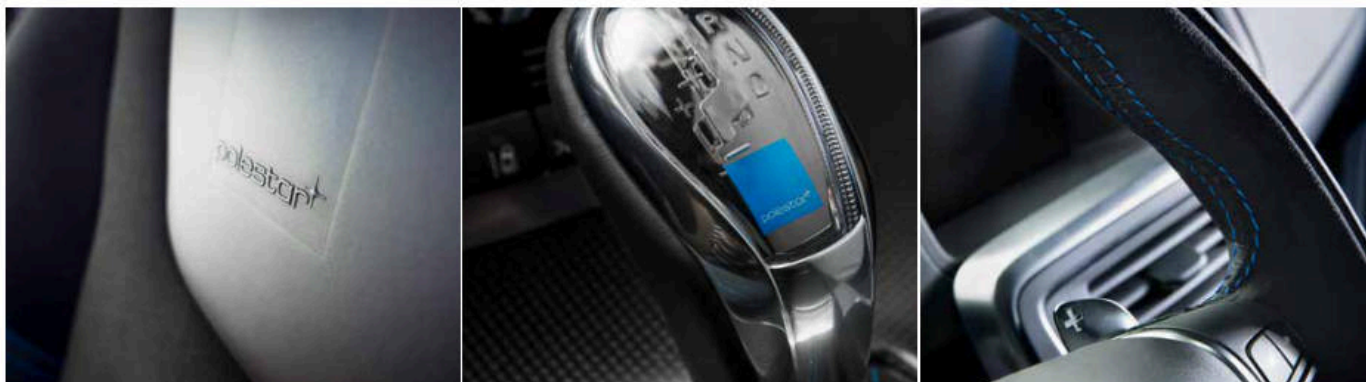
The ergonomically sculpted seats provide you with increased driver support and

control. Complementing the seats, we added a Nubuck-clad steering wheel for maximum grip, tailor-made pedals and footrest that provide enhanced feedback.

On the steering column, the gearshift paddles work instinctively with the eight-speed

gearbox, putting you in total command of your driving style. While the illuminated Polestar gearshift adds a nice atmosphere to your night drives.

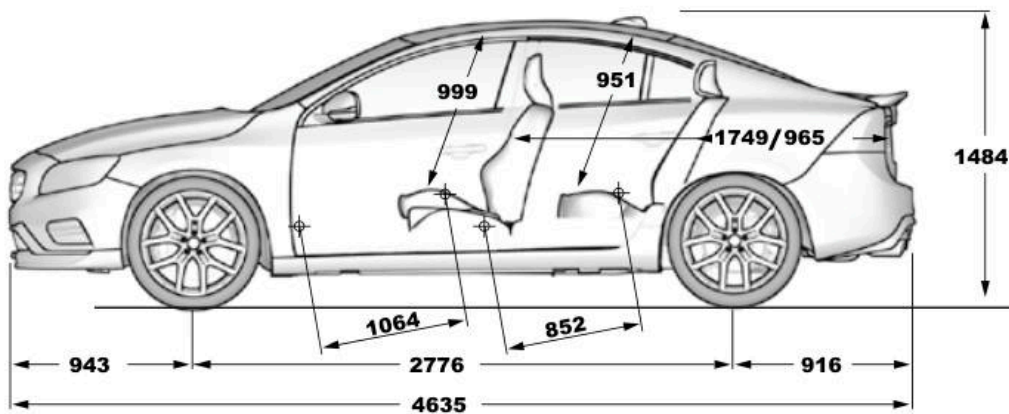
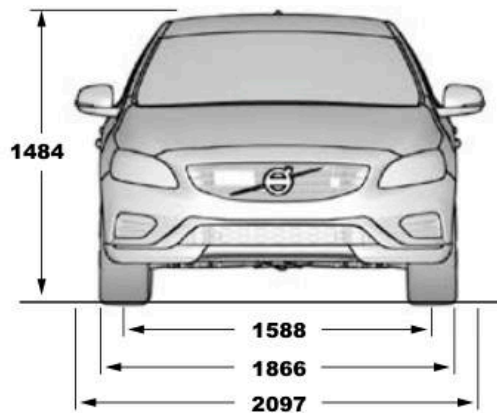
Prepare yourself for a driving experience with full control.



**S60 POLESTAR**

Engine type:	T6 AWD Polestar 2.0L I4 petrol supercharged/ turbo
Transmission:	Eight-speed Geartronic™
Fuel consumption, litres/ 100 km, mixed cycle, auto:	7.8
CO <sub>2</sub> g/km, auto:	179
Max. power output, kW (hp) at rpm	270 (367) 6000
Max. torque, Nm at rpm:	470/3100 – 5100
Acceleration, 0–100 km / h in sec, auto:	4.7
Top speed, km/ h, auto:	250
Fuel tank, litres:	67.5
Weight, kg:	1751
Environmental classification:	Euro 6
Braking performance with ABS	
Braking distance (m) from 100 – 0 km/h:	37 m
Turbo system/ Boost pressure (kPa)	300

All technical data may be subject to change. Please talk to your Volvo Car dealer for the latest information.



**Please note:** Some of the information in this brochure may be incorrect due to changes in product specifications that may have occurred since printing. Some of the equipment described or shown may now only be available at extra cost. Before ordering, please ask your Volvo dealer for the latest information. The manufacturer reserves the right to make changes at any time and without notice to prices, colours, materials, specifications and models.







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