

V O L V O

VOLVO RECHARGE

Discover our pure electric and plug-in hybrid cars.
Designed for a better way to move through the world.



Explore the Recharge line

Volvo XC40 Pure Electric | XC90 T8 Plug-in Hybrid



LUXURY THAT CARES

Experience the new luxury where instant power comes with low or zero tailpipe emissions. Volvo Recharge brings you technology, design and sustainable materials that elevate your drive.

COMMITTED TO SAFETY

Since 1927, safety has been at the core of Volvo. And with the introduction of the Recharge car line, our ambition is to create the safest chargeable vehicles on the road. For people, and for their future.

PURE FOR REAL

Whether you go for a Recharge pure electric or plug-in hybrid car, you can drive it without any tailpipe emissions. Just select Pure electric drive mode in your plug-in hybrid to carry out your daily commute using purely the car's electric motor.



Volvo XC40 Pure electric

Our full electric car technology will change the way you move. No tailpipe emissions while driving, just pure electric progression.



FREE OF TAILPIPE EMISSIONS

No tailpipe carbon dioxide or nitrogen oxide emissions while driving. Nothing but the pure joy of freedom – without the environment having to pay the price.

A NEW DRIVE

The pure electric powertrain provides a supremely inspiring, silent and refined drive, with an instant torque for fast take-offs and smooth, linear acceleration at all speeds.





EASY TO LIVE WITH

A large battery gives a long range. So you don't have to charge so often. And when you have to charge the car, it's designed to make it easy and convenient – you can even do it at home.



Unplug and play.

Discover our full electric compact SUV – designed for modern urban living and beyond.

How far can you drive your electric SUV on a single charge?

418km

*This is the range of XC40 P8 Recharge in ideal conditions. Actual range can vary and is affected by many factors. Range is according to WLTP and EPA driving cycles and real-world range may vary. Figures are based on preliminary target. Final vehicle certification pending.

NO COMPROMISES

The XC40 Recharge doesn't force you to choose between power and responsible driving. Just take your seat, select a gear and enjoy the comfort of one pedal drive and the impressive strength of twin electric motors and all-wheel drive with zero tailpipe emissions.

CHARGE ON THE ROAD

Out travelling, you can fast charge from zero to 80 percent in around 40 minutes.

CHARGE AT HOME

For convenient charging at home, the standard Volvo wallbox device will ensure your XC40 Pure Electric is fully charged in less than 7 hours.

A seamless electric driving experience with intuitive tech and Google built in.



PURE ELECTRIC

Sometimes quiet is the most powerful way to go, with zero tailpipe emissions and less noise at all speeds. Powered by a high-voltage battery and dual electric motors, our XC40 Recharge pure electric is pure progress for the road ahead.



Volvo XC90 T8 Plug-in Hybrid

Intuitively yours, respectfully everyone's.
Meet the 7-seat plug-in hybrid SUV that's
engineered for powerful driving.



NO COMPROMISES

Adding electric power to your drive creates the plug-in hybrid that considers tomorrow without compromising today's experience.



MAKE IT YOURS

It's your life – so make sure your XC90 Recharge intuitively reflects this. For a sportier vibe, choose R-Design or dial up the luxury with Inscription.



PURE FOR REAL

In Pure electric mode you can drive your plug-in hybrid car with zero tailpipe emissions. With a fully charged battery, this can allow daily commuting purely using the electric motor.

The plug-in hybrid SUV you trust to protect your family, now protects their future.

Always on your side.
Advanced technology
in your XC90 Recharge
helps connect your
drive to personalised
comfort and mobility.

A HELPING HAND

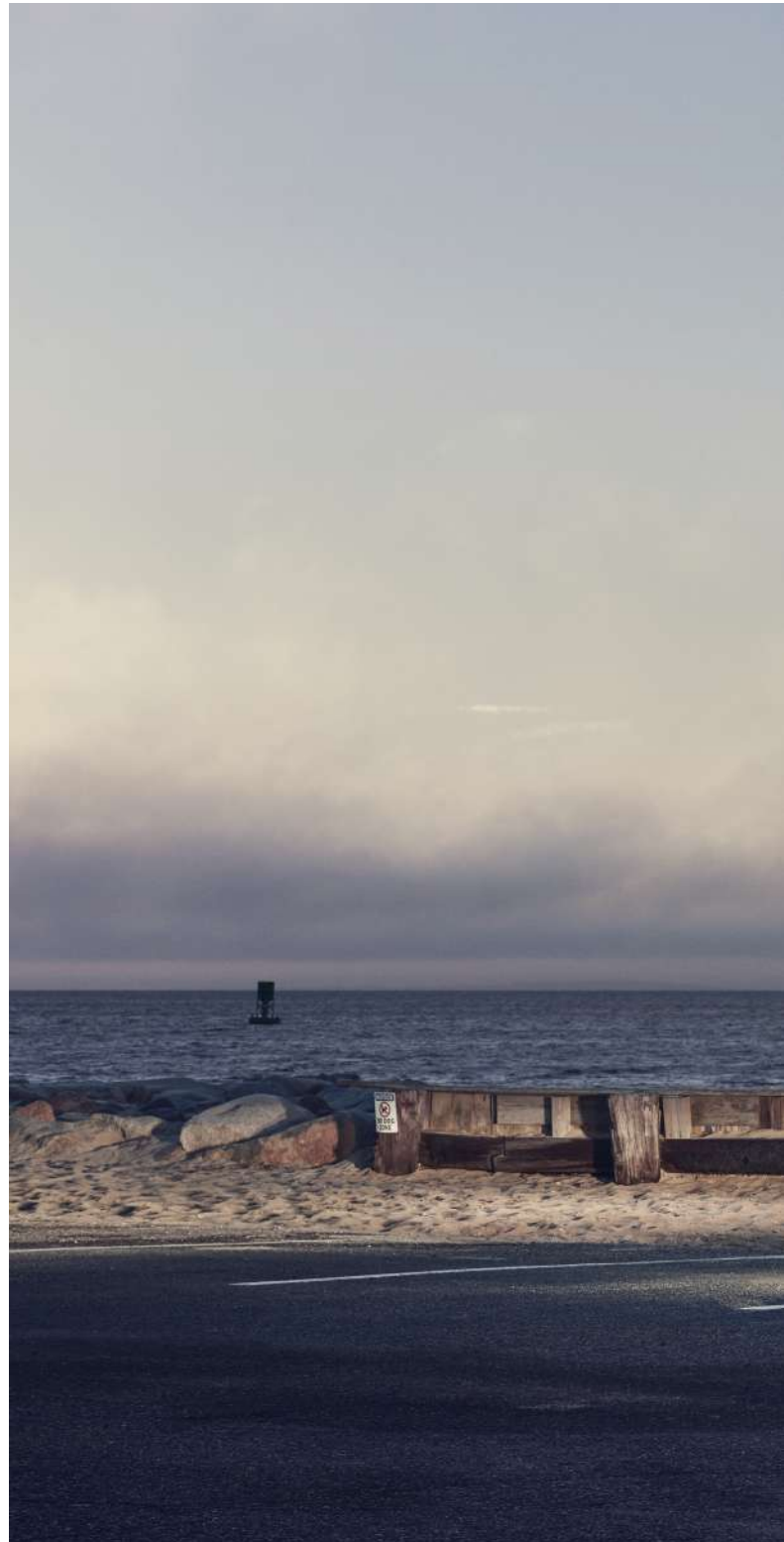
Enjoy smooth control. Supportive driver assistance technology can help you maintain a safe distance to cars in front by adapting your speed as well as helping keep you centred in the lane through subtle steering adjustments. In curves, speed is optimised for your comfort.

CLEANER CABIN AIR

The advanced air cleaner in our world-first air quality system prevents up to 95 percent of hazardous PM 2.5 particles entering the cabin. This can help you and your passengers enjoy better and healthier air quality, no matter the conditions outside.

BOWERS & WILKINS

Positioned and mounted with precision, adding high-end Bowers & Wilkins speakers to your Volvo creates a breathtaking audio experience no matter where you're sitting in the car.



PLUG-IN HYBRID

Less petrol, more purpose. In our Recharge plug-in hybrids, an electric motor and combustion engine team together for a choice of pure electric mode, power mode and hybrid mode, giving you total driving control and lower tailpipe emissions.



Volvo XC40 Pure Electric

ENGINE			P8 Recharge Twin AWD		
Type			Electric motor front / rear		
Electrical motors max output			300 kW / 4350-13900 rpm		
Max torque			660 Nm / up to 4350 rpm		
PERFORMANCE					
Acceleration, 0-100 km/h			4.9 sec		
Top speed			180 km/h		
BATTERY					
Battery content, total amount of energy, (Nominal)			78 kWh		
Battery content, total amount of energy, (Usable)			75 kWh		
CHARGING					
AC (11 kW)			7 h		
DC (150 kW) **			40 min		
** (0-80% loading rate, battery temp 20-35 deg C)					
RANGE					
Electric Range			418 km		
MEASUREMENTS AND VOLUMES EXTERIOR MEASUREMENTS					
Length			4425 mm		
Width, (incl. mirrors)			2034 mm		
Height, (incl. shark fin)			1651 mm		
Track, front			1601 mm		
Track, rear			1610 mm		
Ground clearance			176 mm		
INTERIOR MEASUREMENTS					
Headroom with panorama roof (front/rear)			1030 / 994 mm		
Passenger compartment width at shoulder height (front/rear)			1440 / 1429 mm		
Leg room (front/rear)			1040 / 917 mm		
Cargo volume, including under floor storage			414 litres		
Cargo volume, including under floor storage, largest luggage volume			1290 litres		
Frunk volume			31 litres		
WEIGHTS/MISCELLANEOUS					
Weight			2113 kg		
Max. trailer weight			1500 kg		
Max. roof load			75 kg		
CHASSIS					
Suspension	front	MacPherson Suspension, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar			
	rear	Rear multi-link Suspension with Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar			
Steering		Electrical Power Assisted Rack			
Braking system		Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)			

All figures are preliminary. Volvo Cars reserves the right to make changes in the specifications without any notice.

Volvo XC90 T8 Plug-in Hybrid

ENGINE

Type
Max power output
Max torque

PERFORMANCE

Acceleration, 0-100 km/h
Top speed

FUEL CONSUMPTION

Litres/100km (combined)
CO ₂ emissions
Fuel tank capacity

* Weighted figure between electric and petrol driving according to EU regulation for PHEV vehicles

CHARGING

AC (3.7kW)

RANGE

Electric Range

MEASUREMENTS AND VOLUMES EXTERIOR MEASUREMENTS

Length
Width, (incl. mirrors)
Height, (incl. shark fin)
Track, front
Track, rear
Ground clearance

** Ground clearance with optional air suspension

INTERIOR MEASUREMENTS

Headroom without panorama roof (front/rear)
Passenger compartment width at shoulder height (front/rear)
Leg room (front/rear)
Cargo volume, including under floor storage
Cargo volume, including under floor storage 3rd row seats up
Largest volume

WEIGHTS/MISCELLANEOUS

Weight
Max. trailer weight
Max. roof load

CHASSIS

Suspension	front	Double wishbone transverse link
	rear	Integral axle
Steering		Electrical Power Assisted Rack
Braking system		Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)

T8 Recharge AWD

Petrol engine front / Electric motor rear
300 kW (235 + 65)
640 Nm (400 + 240)

5.6 sec
180 km/h

2.1* L/100 km
49* g/km
70 litres

3.5 h

44 km

4953 mm
2140 mm
1771 mm
1665 mm
1667 mm
223 mm **plus 40mm, minus 20mm

1051 / 997 mm
1465 / 1435 mm
1038 / 940 mm
640 litres
262 litres
1816 litres

2259 kg
2400 kg
100 kg

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For more information on Recharge vehicles, visit:
<https://www.volvocars.com/za/v/cars/recharge>