

V O L V O

Life with the new fully electric Volvo EX90 is life, enhanced

To find out even more about the Volvo EX90, make sure to read our [launch blogpost](#) as well!

The new Volvo EX90 is more than just a car. Revealed to the world in downtown Stockholm today, it's not just the most advanced Volvo car we ever created – it's your entry ticket to a wider ecosystem of services and features that can make your life easier, more enjoyable and allow you to reap the full benefits of going all-electric.

It signifies our new approach to ownership, whether you choose to get an Volvo EX90 online or by going to a retailer. You decide how you access it, whether that is through outright ownership, by subscribing to it or by leasing it. Whatever works for you.

Life with your Volvo EX90 is further supported by the Volvo Cars smartphone app, our mobile platform that brings together a broad variety of services and features related to your all-electric family SUV in one place.

Whether you're looking for a public charging station, want to pay for charging, manage smart charging at home, schedule a new over-the-air software update or simply want to enter your car through keyless entry, the Volvo Cars app makes it possible and easier than ever before.

Inside our new fully electric flagship SUV, two bright screens give you easy access to all features, providing clear information tailored to the situation. First-class infotainment and connectivity create a seamless connection between your car and your home. The Volvo EX90 comes with a wide suite of Google apps and services built-in, including the ability to control your car remotely from the comfort of your home.

"The Volvo EX90 is our vision of a large family SUV in the electric age," said Jim Rowan, our chief executive. "Born electric and software-defined, it demonstrates what future Volvo cars will stand for in terms of safety, tech, sustainability, design and creating a more personal experience for every customer."

Charging was never easier

As a car that signifies the start of a new era for Volvo Cars, the fully electric Volvo EX90 is your perfect companion for a more sustainable family lifestyle. Charging your car was never easier due to a variety of smart technologies and services.

With the public charging experience fully integrated in the Volvo Cars app, you can choose from hundreds of thousands of public charging points around the globe, pay for your charging and keep track of charging progress in one, easy-to-use interface. Meanwhile, you can check the real-time availability of charging points via Google Maps in the centre screen of the infotainment system.

The Volvo EX90 will support Plug and Charge. Once available, this means you can simply plug your car into a public charger that supports this technology and it will start charging automatically, with payment taken care of as well.

We're also constantly extending the scope of our charging offer by adding more fast-charging networks to our ecosystem of connected public charging, allowing drivers of electric Volvo cars to charge conveniently at attractive rates.

Clean power, also for your home

The Volvo Cars app is also the starting point for our home energy management offer, which allows you to reduce your CO₂ emissions, save money and lower your impact on the environment.

Initially available in selected markets in the future, our home energy management offer includes a bi-directional wall box and a energy management system that helps you monitor and optimise your household's energy consumption. Our experts will oversee the entire installation, making sure everything is ready for when your car arrives.

Through the smart charging feature coming to the Volvo Cars app, you can charge your Volvo EX90 at the best available time from a sustainability and family economy perspective. Now imagine you could use that energy later, perhaps during peak times when prices are higher and the energy mix less sustainable.

This is because the Volvo EX90 is our first car with all the necessary hardware to enable bi-directional charging. It's a technology whereby you can use your car battery as an extra energy supply, for example to power your home, other electric devices or another electric Volvo car. We plan to make bi-directional charging available in the future, starting with selected markets.

We're also looking into the possibility to allow customers to sell energy back to the grid, plugged in collectively to form a virtual power plant. This could contribute to a more efficient and stable system with a lower CO₂ footprint, while creating revenues for you and us alike.

Complexity made simple

Inside the Volvo EX90, a 15-inch centre screen is your gateway to one of the most advanced infotainment systems on offer, with Google built-in and 5G connectivity as standard where available. Where 5G is not available, we partner with leading service providers to offer the best possible service around the globe. Finding your destination, streaming your favourite music, installing your favourite apps and much more are a breeze thanks to the intuitive set-up.

Additionally, the overall user experience inside the Volvo EX90 is designed on the principle of complexity made simple, avoiding information overload. The displays in the centre stack and in front of the driver provide information in a smart way that can be customised the way you prefer. The Volvo EX90 will also be compatible with wireless Apple CarPlay or Android Auto™.

Whether you're in manual, assisted or – in future – autonomous driving mode, the driving mode will always be clearly displayed and recognizable. That way we avoid so-called mode confusion and contribute to a focused, safe and enjoyable drive.

The Volvo EX90 will be the first Volvo car to feature Dolby Atmos, which will be delivered by a reference-quality Bowers & Wilkins audio system featuring 25 speakers for immersive sound throughout the cabin.

Moreover, with the Volvo EX90 we're introducing phone key technology, meaning you can leave your key fob at home and easily unlock your car with your mobile phone. Built on the UWB industry standard, our technology will be compatible with a wide range of phone brands and models and allows you to share the key with family and friends when you need to.

Finally, with remote actions you can seamlessly move between the car and your home. Just ask Google to lock, warm up or cool down your Volvo EX90 from the comfort of your home. You can also instantly find out your battery charge level.

Living with the Volvo EX90, then, means an enhanced life. A car that takes care of and helps protect you and your loved ones, contributes to a more sustainable lifestyle and can make your day-to-day life more enjoyable and easier. So you can live life to the fullest.

The small print

- Future technology and features are described, and capabilities may vary. Features may not be available in all markets and will not be standard in all markets or for all models.
- The public charging offer will be available in all our major markets in the US, EU and China.
- Navigation, Google Assistant functionality, access to the app store, data as well as access to remote services via the Volvo Cars app will be included as a part of a digital services subscription. The duration for which these services are included might vary per market.
- Google, Android, Google Play, Android Auto and other marks are trademarks of Google LLC.
- To use Android Auto on your car display, you'll need an Android phone running Android 8 or higher, an active data plan, and the Android Auto app.

Volvo Cars in 2021

Volvo Car Group recorded an operating profit of 20.3 BSEK. Revenue in 2021 amounted to 282.0 BSEK, while global sales reached 698,700 cars.

About Volvo Car Group

Volvo Cars was founded in 1927. Today, it is one of the most well-known and respected car brands in the world with sales to customers in more than 100 countries. Volvo Cars is listed on the Nasdaq Stockholm exchange, where it is traded under the ticker "VOLCAR B".

Volvo Cars aims to provide customers with the Freedom to Move in a personal, sustainable and safe way. This is reflected in its ambition to become a fully electric car maker by 2030 and in its commitment to an ongoing reduction of its carbon footprint, with the ambition to be a climate-neutral company by 2040.

As of December 2021, Volvo Cars employed approximately 41,000 full-time employees. Volvo Cars' head office, product development, marketing and administration functions are mainly located in Gothenburg, Sweden. Volvo Cars' production plants are located in Gothenburg, Ghent (Belgium), South Carolina (US), Chengdu, Daqing and Taizhou (China). The company also has R&D and design centres in Gothenburg, Camarillo (US) and Shanghai (China).

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