



Volvo ES90 Twin Motor Performance (2025-...) (Europe)

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General Info

Years of Production	2025 -
Market Availability	EU, USA
Country of Manufacture	China
Current Status	Announced
Body Style	Liftback
Price Europe (New/Used)	€94490/No data

Range and Efficiency

Range EPA	595 km
Range WLTP	700 km
Range GCC	580 km
Battery (Usable/Nominal)	102/106 kWh
Efficiency (Energy/Range)	17.6 kWh/100 km
Efficiency (Range/Energy)	5.69 km/kWh

Charging

Architecture	800 V
Max AC Charging	11 kW
Max DC Charging	350 kW (175 kW at 400 V)
Charge Port	CCS Type 2

Performance

Drive Type	AWD PMSM (front), PMSM (rear)
Motor (Power/Torque)	500 kW (680 hp)/870 Nm
Acceleration 0-100 km/h	4 s
Top Speed	180 km/h

Dimensions

Length	5000 mm
Width (with Mirrors/no Mirrors)	2120/1942 mm
Height	1546 mm
Wheelbase	3102 mm

Cargo and Towing

Number of Seats	5
Curb Weight	2553 kg
Cargo Volume (Trunk/Max/Frunk)	446/1256/22 l
Towing Capacity	2000 kg

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About Volvo ES90 Twin Motor Performance (2025-...)

Overview

The 2025 Volvo ES90 Twin Motor Performance is set to electrify the luxury scene, arriving as a sleek liftback with serious ambitions. This range-topping beast isn't just about looking good; it's Volvo's statement in the premium EV space, packing dual-motor AWD punch and a substantial battery. With an announced EU price tag of €94,490, it's gunning for the established players. Expect typical Volvo safety and sustainability, wrapped in a package that promises both thrilling drives and serene cruising. It's the electric flagship we've been waiting for from the Swedes!

What's New for 2025?

Being an all-new model for 2025, the ES90 Twin Motor Performance is basically **all** new! It's Volvo's fresh assault on the premium electric saloon market, effectively the electric successor to the much-loved S90. Built on a cutting-edge EV platform showcasing Volvo's latest design language and tech wizardry, this "Announced" model is packed with innovation. Expect a huge leap in digital integration with a Google-based infotainment system and a strong emphasis on sustainable materials, making this a thoroughly modern and forward-thinking machine for the European market when production starts in 2025.

Design & Exterior

The ES90 Twin Motor Performance cuts a seriously imposing figure. It's a big, stylish liftback, measuring a considerable 5000 mm in length, 1942 mm wide, and 1546 mm tall. Volvo's signature "Thor's Hammer" LED headlights lead the charge, while the slippery silhouette hints at its efficiency. This top-spec Performance version will likely sport unique alloy wheels and subtle exterior tweaks to differentiate it from lesser trims, adding a touch of aggression to its otherwise elegantly Scandinavian design. It's a head-turner, for sure, built in China for global markets including the EU.

Interior, Tech & Cargo

Step inside the ES90 Twin Motor Performance and you're greeted by a cabin that screams Scandi-chic. Think plush, sustainable materials, and an airy, minimalist design. With comfortable seating for five and a generous 3102 mm wheelbase, passenger space is top-notch. Tech-wise, a massive central touchscreen running Google's OS likely dominates, flanked by a crisp digital driver's display. Naturally, Apple CarPlay and Android Auto will be standard. Luggage? No problem: 446 litres in the boot, expanding to 1256 litres with seats down, plus a handy 22-litre frunk for charging cables!

Performance & Driving Experience

Hold on tight! The ES90 Twin Motor Performance is a proper rocket ship, dispatching 0-100 km/h in a blistering 4.0 seconds. That's thanks to its dual PMSM electric motors (one front, one rear) serving up a mighty 500 kW and a whopping 870 Nm of torque through its all-wheel-drive system. While it's quick, expect a typically refined Volvo experience – smooth, quiet, and confidence-inspiring, rather than overtly sporty. Strong regenerative braking, likely with a one-pedal drive mode, will make city driving a breeze. Top speed is electronically limited to 180 km/h.

Range, Battery & Charging

Juice-wise, the ES90 Twin Motor Performance boasts a substantial 102 kWh usable battery pack from its 106 kWh nominal capacity. Green Cars Compare's real-world range estimate is a very healthy 580 km, with an efficiency of 5.69 km/kWh. Charging is a highlight: its 800V architecture allows for DC fast charging up to a mega 350 kW via its CCS Type 2 port (or 175 kW on 400V chargers). At home, the standard 11 kW AC on-board charger will replenish it overnight. Expect features like Vehicle-to-Load (V2L) to be on the menu.

Safety & Driver-Assistance Features

It's a Volvo, so safety is practically its middle name! While Euro NCAP ratings are pending for this announced model, expect nothing less than a top five-star score given its heritage. The ES90 Twin Motor Performance will be chock-full of driver-assistance tech. We're talking advanced Pilot Assist for semi-autonomous cruising, comprehensive collision avoidance systems, blind-spot monitoring, a 360-degree camera, and every other acronym that keeps you safe. Most of these cutting-edge features are likely standard on this high-spec trim, embodying Volvo's commitment to safety.

Warranty & Maintenance Coverage

Volvo typically backs its new cars in Europe with a solid warranty, often around 3 years or 100,000 km for the vehicle itself, though specifics for the ES90 are yet to be detailed. For the all-important 102 kWh battery in the Twin Motor Performance, expect the industry-standard 8 years or 160,000 km coverage, guaranteeing against excessive degradation. The electric motors and powertrain components should also have robust coverage. Maintenance will be simpler and potentially cheaper than a combustion car, focusing on tyres, brakes, and software updates.

How powerful is it? How fast does it accelerate?

The Volvo ES90 Twin Motor Performance (2025-...) is equipped with a powertrain that delivers up to 500 kW (680 hp) of power and 642 lb-ft of torque.

This enables a 0 to 60 mph acceleration in 3.8 seconds ([Nº22 out of 118 ranked positions](#), among 953 electric vehicles, with some cars sharing positions) and a top speed of 112 mph.

How far can it go on single charge? What is the real-world range?

The estimated real-world range for Volvo ES90 Twin Motor Performance (2025-...) is 360 miles, ranking it [Nº29 out of 264 ranked positions](#). Several conditions can influence this range:

- Speed: The battery drains faster at higher speeds.
- Temperature: Extreme temperatures can impact range.
- Terrain: Range is reduced on hilly or mountainous terrain.
- Driving style: Aggressive driving behaviors, such as frequent acceleration and braking, decrease efficiency.
- Feature utilization: Climate control and media system usage also affect range.

These figures are approximations, and your actual driving range may vary. When planning trips, consider these factors and be prepared for potential charging stops.

For trip planning assistance, utilize the [EV Navigation interactive map](#).

What charging options are available? How long does it take to charge it?

The Volvo ES90 Twin Motor Performance (2025-...) in the USA is equipped with a CCS Type 1 charging port. You can charge it conveniently at home using a standard outlet, or utilize any public AC charging station with the appropriate cable. However, the car's built-in charger (inverter) limits the maximum AC charging speed to 11 kW, which translates to roughly 35 miles of range added per hour.

For faster charging, use DC fast-charging stations. The Volvo ES90 Twin Motor Performance (2025-...) supports a maximum DC charging rate of 350 kW, but it's important to note that battery temperature and current charge level can affect the actual charging speed you'll experience.

To estimate charging time, rate, and cost, you can use [EV Charging Calculator](#).

How big is it? What are the dimensions (length, width, height)?

Volvo ES90 Twin Motor Performance (2025-...) comes in the following dimensions:

- Length: 196.9 in
- Width: 83.5 in (including side mirrors) or 76.5 in (excluding side mirrors)
- Height: 60.9 in
- Wheelbase: 122.1 in (distance between the center of the front and rear wheels)
- Curb weight: 5628 lbs (weight of the empty car, no people or cargo)

How much cargo space does it offer? Does it have a front trunk?

Behind the rear seats of the Volvo ES90 Twin Motor Performance (2025-...), you'll find 15.8 cubic feet of storage space (**Nº100 out of 163 ranked positions**, among 953 electric vehicles, with some cars sharing positions).

Folding down the rear seats expands the total cargo capacity to 44.4 cubic feet (**Nº135 out of 197 ranked positions**, among 953 electric vehicles, with some cars sharing positions).

Frunk capacity: The front trunk is called a "frunk", and it offers an additional 0.8 cubic feet for storing small items.

Is it suitable for towing? What is the maximum towing capacity?

The Volvo ES90 Twin Motor Performance (2025-...) can safely tow up to 4409 lbs, provided that the trailer has its own braking system.

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