



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

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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 USA (New/Used)	\$82000/No data

Range and Efficiency

Range EPA	370 mi
Range WLTP	435 mi
Range GCC	360 mi
Battery (Usable/Nominal)	102/106 kWh
Efficiency (Energy/Range)	28.3 kWh/100 mi
Efficiency (Range/Energy)	3.53 mi/kWh

Charging

Architecture	800 V
Max AC Charging	11 kW
Max DC Charging	350 kW (175 kW at 400 V)
Charge Port	CCS Type 1

Performance

Drive Type	AWD 2 motors: PMSM (front), PMSM (rear)
Motor (Power/Torque)	500 kW (680 hp)/642 lb-ft
Acceleration 0-60 mph	3.8 s
Top Speed	112 mph

Dimensions

Length	196.9 in
Width (with Mirrors/no Mirrors)	83.5/76.5 in
Height	60.9 in
Wheelbase	122.1 in

Cargo and Towing

Number of Seats	5
Curb Weight	5628 lb
Cargo Volume (Trunk/Max/Frunk)	15.8/44.4/0.8 ft3
Towing Capacity	4409 lb

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

The Volvo ES90 Twin Motor Performance (2025-...) is an all-electric liftback. Production of the car hasn't started yet. The starting price is expected to be around \$82,000.

The Volvo ES90 Twin Motor Performance (2025-...) has a 106 kWh battery pack, allowing it to travel up to 360 mi on a single charge — ranked №42 out of 933 electric vehicles.

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 (№22 out of 118 ranked positions, among 933 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 №28 out of 262 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 ([Nº98 out of 161 ranked positions](#), among 933 electric vehicles, with some cars sharing positions).

Folding down the rear seats expands the total cargo capacity to 44.4 cubic feet ([Nº133 out of 193 ranked positions](#), among 933 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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