



Volvo ES90 Single Motor Extended Range (2025-...) (USA)

[Car Page ↗](#)
[Charging ↗](#)
[FAQs ↗](#)
[Video Reviews ↗](#)

General Info

Years of Production	2025 -
Market Availability	EU, USA
Country of Manufacture	China
Current Status	Announced
Body Style	Liftback
Price USA (New/Used)	\$70000/No data

Range and Efficiency

Range EPA	340 mi
Range WLTP	404 mi
Range GCC	333 mi
Battery (Usable/Nominal)	88/92 kWh
Efficiency (Energy/Range)	26.4 kWh/100 mi
Efficiency (Range/Energy)	3.78 mi/kWh

Charging

Architecture	800 V
Max AC Charging	11 kW
Max DC Charging	300 kW (175 kW at 400 V)
Charge Port	CCS Type 1

Performance

Drive Type	RWD 1 motor: PMSM
Motor (Power/Torque)	245 kW (333 hp)/354 lb-ft
Acceleration 0-60 mph	6.6 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	5216 lb
Cargo Volume (Trunk/Max/Frunk)	15.8/44.4/0.8 ft3
Towing Capacity	3527 lb

Download the latest version of this PDF: [Metric units \(km, kg\) ↗](#) [Imperial units \(mi, lb\) ↗](#)

About Volvo ES90 Single Motor Extended Range (2025-...)

The Volvo ES90 Single Motor Extended Range (2025-...) is an all-electric liftback. Production of the car hasn't started yet. The starting price is expected to be around \$70,000.

The Volvo ES90 Single Motor Extended Range (2025-...) has a 92 kWh battery pack, allowing it to travel up to 333 mi on a single charge — ranked Nº74 out of 933 electric vehicles.

How powerful is it? How fast does it accelerate?

The Volvo ES90 Single Motor Extended Range (2025-...) achieves a 0 to 60 mph acceleration in 6.6 seconds (placing it at Nº50 out of 118 ranked positions, among 933 electric vehicles, with some cars sharing positions) and attains a maximum speed of 112 mph.

Its powertrain provides a power output of up to 245 kW (333 hp) and a torque of 354 lb-ft.

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

Volvo ES90 Single Motor Extended Range (2025-...) achieves a real-world range of 333 miles, placing it at Nº41 among 262 ranked positions. However, this range is subject to several influences:

- Speed: Traveling at higher speeds reduces battery life.
- Temperature: Extreme cold or hot weather can affect range.
- Terrain: Hilly or mountainous landscapes decrease range.
- Driving habits: Aggressive driving with frequent acceleration and braking consumes more energy.
- Feature usage: Climate control and media systems also influence range.

It's important to acknowledge that these are estimations, and your actual driving range may differ. Consider these factors when planning your trip and be ready for potential charging stops.

Utilize the [interactive EV Navigation map](#) for trip planning assistance.

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

The Volvo ES90 Single Motor Extended Range (2025-...) in the USA comes with a CCS Type 1 charging port. It can be charged at home using a standard domestic socket or at any public AC charging station with the compatible cable. It's important to note that the car's on-board charger (inverter) limits the maximum AC charging rate to 11 kW, resulting in approximately 37 miles of range added per hour of charging.

For significantly faster charging, public DC fast-charging stations are available. Although the car can

achieve a maximum DC charging rate of 300 kW, factors such as battery temperature and charge level may affect the actual charging speed.

Use [EV Charging Calculator](#) to estimate charging time, rate, and cost.

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

The size and weight specifications for Volvo ES90 Single Motor Extended Range (2025-...) are as follows:

- 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: 5216 lbs (weight of the empty car, no people or cargo)

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

The rear cargo area of the Volvo ES90 Single Motor Extended Range (2025-...) provides 15.8 cubic feet of space when the rear seats are upright ([Nº98 out of 161 ranked positions](#), among 933 electric vehicles, with some cars sharing positions).

Folding these seats down unlocks a maximum cargo capacity of 44.4 cubic feet ([Nº133 out of 193 ranked positions](#), among 933 electric vehicles, with some cars sharing positions).

In addition, the car has a frunk, a front compartment with 0.8 cubic feet dedicated to smaller items.

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

The Volvo ES90 Single Motor Extended Range (2025-...) is officially rated to tow 3527 lbs. This applies to trailers equipped with brakes.

Download the latest version of this PDF: [Metric units \(km, kg\) ↗](#) [Imperial units \(mi, lb\) ↗](#)

<https://greencarscompare.com/cars/volvo-es90-single-motor-extended-range-2025/>