



Smart #5 Pulse (2025-...) (Europe)

[Car Page ↗](#)

[Charging ↗](#)

[FAQs ↗](#)

[Video Reviews ↗](#)

General Info

Years of Production	2025 -
Market Availability	EU
Country of Manufacture	China
Current Status	Produced
Body Style	SUV
Price Europe (New/Used)	€55400/No data

Range and Efficiency

Range EPA	No data
Range WLTP	540 km
Range GCC	459 km
Battery (Usable/Nominal)	94/100 kWh
Efficiency (Energy/Range)	20.5 kWh/100 km
Efficiency (Range/Energy)	4.88 km/kWh

Charging

Architecture	800 V
Max AC Charging	22 kW
Max DC Charging	400 kW (150 kW at 400 V)
Charge Port	CCS Type 2

Performance

Drive Type	AWD PMSM (front), PMSM (rear)
Motor (Power/Torque)	432 kW (579 hp)/643 Nm
Acceleration 0-100 km/h	4.9 s
Top Speed	200 km/h

Dimensions

Length	4695 mm
Width (with Mirrors/no Mirrors)	2169/1920 mm
Height	1705 mm
Wheelbase	2900 mm

Cargo and Towing

Number of Seats	5
Curb Weight	2345 kg
Cargo Volume (Trunk/Max/Frunk)	630/1530/47 l
Towing Capacity	1600 kg

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About Smart #5 Pulse (2025-...)

Overview

The 2025 Smart #5 Pulse storms onto the scene as a seriously grown-up electric SUV, a far cry from Smart's city car roots. This Pulse trim is the one for thrill-seekers, packing dual-motor all-wheel drive and a hefty battery. It's aiming to shake up the premium electric SUV market with its blend of performance, cutting-edge 800V tech, and a spacious, funky interior. With an estimated price tag of €55,400 in Europe, it's bringing a bold new flavour to the EV party, ready to impress families and tech enthusiasts alike.

What's New for 2025?

Everything! The Smart #5 is an all-new model for 2025, marking Smart's ambitious leap into the larger electric SUV segment. The Pulse trim, in particular, debuts as a high-performance hero, showcasing the brand's fresh design language and advanced tech capabilities. Key to its modern appeal is the sophisticated 800-volt electrical architecture, promising rapid charging and excellent efficiency. It's a statement piece, signalling a completely new chapter for Smart, aiming to blend practicality with a playful, tech-forward personality for the European market.

Design & Exterior

The Smart #5 Pulse boasts a chunky, confident SUV stance that's both rugged and surprisingly chic. Forget cute; this is properly assertive! Measuring 4695 mm long, 1920 mm wide (excluding mirrors), and 1705 mm tall, it has serious presence. Expect distinctive LED lighting signatures front and rear that'll make it stand out, day or night. The Pulse trim will likely sport unique alloy wheels and subtle design tweaks to hint at its potent performance, making sure everyone knows this isn't just any #5. It's a head-turner, for sure.

Interior, Tech & Cargo

Step inside the Smart #5 Pulse and you're greeted by a cabin that's a proper tech-fest, likely brimming with sustainable materials and a funky, modern vibe. With five seats and a generous 2900 mm wheelbase, passenger space should be ample for comfy journeys. Hauling stuff? No worries! You get a massive 630-litre boot, expanding to an even more cavernous 1530 litres with the rear seats folded. Plus, there's a handy 47-litre frunk for your charging cables. Expect large, crisp screens for infotainment and instruments, with all the usual connectivity.

Performance & Driving Experience

The Smart #5 Pulse is no slouch; it's properly quick! Thanks to its dual PMSM motors (one front, one rear) kicking out a combined 432 kW and a hefty 643 Nm of torque, this all-wheel-drive SUV rockets from 0-100 km/h in a blistering 4.9 seconds. Top speed is a respectable 200 km/h. Expect an engaging drive with instant punch and sure-footed handling from the AWD system. Ride comfort should be well-sorted too, making it a great all-rounder. Multiple regenerative braking modes will likely allow for one-pedal driving adventures.

Range, Battery & Charging

Juice-wise, the Smart #5 Pulse packs a substantial 94 kWh usable battery. Green Cars Compare calculates a very useful real-world range of around 459 kilometres, with an efficiency of 4.88 km/kWh. The 800V

architecture is a game-changer for charging: it supports a mind-blowing 400 kW DC fast charging (or 150 kW on 400V chargers), meaning speedy top-ups. At home or the office, the standard 22 kW AC on-board charger will fill it up in around 5 hours. The European standard CCS Type 2 port ensures wide compatibility.

Safety & Driver-Assistance Features

While official Euro NCAP ratings for the Smart #5 Pulse are yet to be released, expect it to aim for top marks given its modern platform and family focus. It'll almost certainly come chock-full of the latest driver-assistance systems. Standard kit on the Pulse trim should include adaptive cruise control, lane-keeping assist, blind-spot monitoring, and autonomous emergency braking. More advanced features, potentially like a sophisticated highway assist, might also be on the menu, ensuring a reassuringly safe drive.

Warranty & Maintenance Coverage

Owners of the 2025 Smart #5 Pulse can anticipate a competitive warranty package, typical for new EVs in Europe. This usually means a basic vehicle warranty of at least 2 to 3 years with a generous or unlimited kilometre cap. The crucial high-voltage battery will likely be covered for 8 years or around 160,000 kilometres, guaranteeing a minimum of 70% state-of-health. The electric powertrain components often share this robust battery warranty. While maintenance is generally low for EVs, some initial complimentary checks or services might sweeten the deal.

How powerful is it? How fast does it accelerate?

The Smart #5 Pulse (2025-...) is equipped with a powertrain that delivers up to 432 kW (579 hp) of power and 474 lb-ft of torque.

This enables a 0 to 60 mph acceleration in 4.7 seconds ([Nº31 out of 119 ranked positions](#), among 971 electric vehicles, with some cars sharing positions) and a top speed of 124 mph.

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

The estimated real-world range for Smart #5 Pulse (2025-...) is 285 miles, ranking it [Nº91 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 Smart #5 Pulse (2025-...) in the USA is equipped with a CCS Type 2 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 22 kW, which translates to roughly 60 miles of range added per hour.

For faster charging, use DC fast-charging stations. The Smart #5 Pulse (2025-...) supports a maximum DC charging rate of 400 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)?

Smart #5 Pulse (2025-...) comes in the following dimensions:

- Length: 184.8 in
- Width: 85.4 in (including side mirrors) or 75.6 in (excluding side mirrors)
- Height: 67.1 in
- Wheelbase: 114.2 in (distance between the center of the front and rear wheels)
- Curb weight: 5170 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 Smart #5 Pulse (2025-...), you'll find 22.2 cubic feet of storage space ([Nº52 out of 166 ranked positions](#), among 971 electric vehicles, with some cars sharing positions).

Folding down the rear seats expands the total cargo capacity to 54 cubic feet ([Nº96 out of 201 ranked positions](#), among 971 electric vehicles, with some cars sharing positions).

Frunk capacity: The front trunk is called a "frunk", and it offers an additional 1.7 cubic feet for storing small items.

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

The Smart #5 Pulse (2025-...) can safely tow up to 3527 lbs, provided that the trailer has its own braking system.

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<https://greencarscompare.com/cars/smart-5-pulse-2025/>