



NIO EL8 Standard Range (2024-...) (Europe)

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General Info

Years of Production	2024 -
Market Availability	EU
Country of Manufacture	China
Current Status	Produced
Body Style	SUV
Price Europe (New/Used)	€94900/No data

Range and Efficiency

Range EPA	No data
Range WLTP	375-390 km
Range GCC	335 km
Battery (Usable/Nominal)	73.5/75 kWh
Efficiency (Energy/Range)	21.9 kWh/100 km
Efficiency (Range/Energy)	4.56 km/kWh

Charging

Architecture	400 V
Max AC Charging	11 kW
Max DC Charging	140 kW
Charge Port	CCS Type 2

Performance

Drive Type	AWD PMSM (front), IM (rear)
Motor (Power/Torque)	480 kW (644 hp)/850 Nm
Acceleration 0-100 km/h	4.1 s
Top Speed	200 km/h

Dimensions

Length	5099 mm
Width (with Mirrors/no Mirrors)	2199/1989 mm
Height	1750 mm
Wheelbase	3070 mm

Cargo and Towing

Number of Seats	6
Curb Weight	2538 kg
Cargo Volume (Trunk/Max/Frunk)	265/810/No data l
Towing Capacity	2000 kg

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About NIO EL8 Standard Range (2024-...)

Overview

NIO's EL8 Standard Range storms into the premium electric SUV scene, offering a compelling six-seat family hauler experience. Priced from €94,900 in Europe, this beast packs a punch with its dual-motor AWD setup and a tech-laden cabin. Key highlights include its distinctive design, spacious interior perfect for family duties, and access to NIO's innovative ecosystem, potentially including battery swapping. It's a sophisticated choice for those wanting luxury and electric performance wrapped in a large, practical package, ready to take on established European rivals.

What's New for 2025?

The 2025 NIO EL8, especially in this Standard Range guise, represents NIO's latest push into Europe with its second-generation large SUV. Built on the advanced NT2.0 platform, it brings updated computing power for its Aquila Super Sensing system and PanoCinema digital cockpit. While the EL8 name itself is new for this market (previously ES8 for the first generation), the 2025 model year solidifies its features: refined powertrain calibration, the latest NOMI OS for a smarter in-car assistant, and enhanced connectivity options, ensuring it's at the cutting edge of EV tech.

Design & Exterior

The NIO EL8 Standard Range boasts a commanding presence, measuring a substantial 5099 mm in length, 1989 mm in width (excluding mirrors), and 1750 mm in height. Its "Design for AD" philosophy is evident, with sleek lines, flush door handles, and the distinctive "Watchtower" sensor layout housing lidar and cameras. Slim "Double-Dash" daytime running lights sit atop the main X-Line headlamps, giving it a futuristic face. The overall sophisticated aesthetic is complemented by design elements specific to this impressive six-seater SUV, enhancing its high-tech appeal on European roads.

Interior, Tech & Cargo

Step inside the EL8 Standard Range and you're greeted by a minimalist, premium cabin designed for six occupants. Passenger comfort is paramount, with ample space across its three rows. For your gear, there's 265 litres of boot space, expanding to a useful 810 litres with rear seats folded; the provided specifications do not list a dedicated frunk. Tech is front and centre with a large central AMOLED display, a digital driver's display, and the NOMI AI assistant. Connectivity options are expected to be comprehensive for a seamless experience.

Performance & Driving Experience

This six-seat SUV isn't shy on go-power! The EL8 Standard Range zips from 0-100 km/h in a blistering 4.1 seconds, thanks to its dual-motor all-wheel-drive system. It packs a combined 480 kW of power and a hefty 850 Nm of torque, delivered by a Permanent Magnet Synchronous Motor (PMSM) at the front and an AC Induction Motor (IM) at the rear. Expect a refined, quiet, and exceptionally smooth ride, with multiple driving modes and adjustable regenerative braking to enhance efficiency and driving pleasure.

Range, Battery & Charging

The EL8 Standard Range is equipped with a 73.5 kWh usable battery pack, delivering a Green Cars

Compare estimated real-world range of 335 km. Energy consumption is rated at an efficient 4.56 km/kWh. For top-ups, it features a CCS Type 2 charging port, standard for Europe. AC charging is handled by a capable 11 kW on-board charger. When you need a quick boost on the go, DC fast charging maxes out at 140 kW. NIO's unique battery swap capability could also offer rapid "refuelling" where available.

Safety & Driver-Assistance Features

While a specific Euro NCAP rating for the 2025 EL8 is not yet listed in the provided data, NIO typically engineers its vehicles for top safety scores. The EL8 Standard Range is expected to come loaded with NIO's Aquila Super Sensing system, featuring an array of cameras, radar, ultrasonic sensors, and even lidar as standard. This enables a comprehensive suite of driver-assistance features, including adaptive cruise control, lane-keeping assist, blind-spot monitoring, and autonomous emergency braking, aiming for a very secure driving experience.

Warranty & Maintenance Coverage

NIO typically offers a competitive warranty package in Europe. Owners of the EL8 Standard Range can likely expect a comprehensive vehicle warranty around 5 years or 150,000 km. The crucial high-voltage battery usually benefits from an 8-year or 160,000 km warranty, guaranteeing a minimum percentage of its original capacity (often 70%). Powertrain components are similarly covered. NIO may also offer service packages, roadside assistance, and over-the-air updates, contributing to owner peace of mind and supporting the vehicle's reliability.

How powerful is it? How fast does it accelerate?

The NIO EL8 Standard Range (2024-...) is equipped with a powertrain that delivers up to 480 kW (644 hp) of power and 627 lb-ft of torque.

This enables a 0 to 60 mph acceleration in 3.9 seconds ([Nº23 out of 119 ranked positions](#), among 979 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 NIO EL8 Standard Range (2024-...) is 208 miles, ranking it [Nº168 out of 266 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 NIO EL8 Standard Range (2024-...) 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 11 kW, which translates to roughly 28 miles of range added per hour.

For faster charging, use DC fast-charging stations. The NIO EL8 Standard Range (2024-...) supports a maximum DC charging rate of 140 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)?

NIO EL8 Standard Range (2024-...) comes in the following dimensions:

- Length: 200.7 in
- Width: 86.6 in (including side mirrors) or 78.3 in (excluding side mirrors)
- Height: 68.9 in
- Wheelbase: 120.9 in (distance between the center of the front and rear wheels)
- Curb weight: 5595 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 NIO EL8 Standard Range (2024-...), you'll find 9.4 cubic feet of storage space ([Nº146 out of 166 ranked positions](#), among 979 electric vehicles, with some cars sharing positions).

Folding down the rear seats expands the total cargo capacity to 28.6 cubic feet ([Nº187 out of 201 ranked positions](#), among 979 electric vehicles, with some cars sharing positions).

The car doesn't have a "frunk" (front trunk).

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

The NIO EL8 Standard Range (2024-...) can safely tow up to 4409 lbs, provided that the trailer has its own braking system.

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