



NIO EL7 Long Range (2022-...) (Europe)

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General Info

Years of Production	2022 -
Market Availability	EU
Country of Manufacture	China
Current Status	Produced
Body Style	SUV
Price Europe (New/Used)	€94900/58999

Range and Efficiency

Range EPA	No data
Range WLTP	486-513 km
Range GCC	437 km
Battery (Usable/Nominal)	90/100 kWh
Efficiency (Energy/Range)	20.6 kWh/100 km
Efficiency (Range/Energy)	4.86 km/kWh

Charging

Architecture	400 V
Max AC Charging	11 kW
Max DC Charging	127 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	3.9 s
Top Speed	200 km/h

Dimensions

Length	4912 mm
Width (with Mirrors/no Mirrors)	2271/1987 mm
Height	1720 mm
Wheelbase	2960 mm

Cargo and Towing

Number of Seats	5
Curb Weight	2441 kg
Cargo Volume (Trunk/Max/Frunk)	570/1545/No data l
Towing Capacity	2000 kg

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About NIO EL7 Long Range (2022-...)

Overview

The 2025 NIO EL7 Long Range is a seriously smart electric SUV, muscling into the premium European market. This isn't just another EV; it's a tech-laden powerhouse with a distinctive style and NIO's ace-up-the-sleeve battery swapping tech. The Long Range trim, starting around €94,900 new (or from €58,999 used), packs a hefty 90 kWh usable battery and dual-motor AWD, making it a compelling alternative to established German rivals. It's all about a refined, high-tech driving experience wrapped in a very sleek package, making city cruising and long hauls equally appealing.

What's New for 2025?

For 2025, the EL7 Long Range continues to benefit from NIO's relentless pace of innovation, primarily through over-the-air software updates that keep refining its already impressive tech suite. While major hardware overhauls aren't the headline, expect the latest NIO OS enhancements, potentially tweaking infotainment responsiveness, NOMI AI interactions, and driver-assist calibrations. This iterative approach ensures your EL7 feels fresh, with subtle improvements to user experience and system performance rolled out regularly, keeping it sharp against the competition. Think of it as an ever-evolving tech beast, always learning new tricks.

Design & Exterior

The EL7 Long Range cuts a dash with its "Design for Autonomous Driving" philosophy. Up top, the "Watchtower" sensor layout with LiDAR is distinctive, while the sleek body lines, flush door handles, and "Shark Nose" front scream modern sophistication. Full-width "AirWing" taillights and slender "Double-Dash" daytime running lights ensure it's recognisable day or night. Dimensionally, it's a substantial machine at 4912 mm long, 1987 mm wide (excluding mirrors), and 1720 mm tall, giving it serious road presence. The Long Range trim typically rolls on stylish large alloy wheels, completing its premium stance.

Interior, Tech & Cargo

Step inside the EL7 Long Range, and you're greeted by NIO's "second living room" concept – think plush, sustainable materials and a minimalist, airy vibe. There's ample room for five passengers, and the panoramic roof bathes the cabin in light. For your luggage, there's a generous 570 litres of boot space, expanding to a massive 1545 litres with the rear seats folded. While the provided data indicates no frunk, tech is king here: a huge 12.8-inch AMOLED central display and digital cockpit are powered by NIO OS, featuring the quirky NOMI AI assistant.

Performance & Driving Experience

Stomp the pedal in the EL7 Long Range, and its dual-motor All-Wheel Drive system, with a potent Permanent Magnet Synchronous Motor (PMSM) up front and an AC Induction Motor (IM) at the rear, unleashes a combined 480 kW and a massive 850 Nm of torque! This translates to a blistering 0-100 km/h sprint in just 3.9 seconds – properly quick for an SUV this size, hitting a top speed of 200 km/h. Expect a sophisticated ride, too, thanks to standard air suspension that soaks up bumps beautifully, while multiple driving modes and adjustable regenerative braking let you tailor the experience.

Range, Battery & Charging

The EL7 Long Range boasts a 90 kWh usable battery, delivering a Green Cars Compare calculated real-world range of around 437 km – plenty for most journeys. Efficiency is a respectable 4.86 km/kWh. For top-ups, the standard 11 kW AC on-board charger (CCS Type 2 port) will juice it up fully overnight (around 8-9 hours). When you're out and about, DC fast charging peaks at 127 kW, getting you from 10-80% in roughly 35-40 minutes. Plus, NIO's game-changing battery swap stations offer a full 'refuel' in minutes! V2L capability adds extra versatility.

Safety & Driver-Assistance Features

Safety is paramount in the EL7 Long Range, backed by a top-tier 5-star Euro NCAP rating. It's kitted out with NIO's Aquila Super Sensing system, a comprehensive suite of sensors including high-resolution LiDAR, cameras, and radar, all processed by the Adam supercomputer. This means a shedload of standard driver-assistance features: think super-smooth adaptive cruise control, lane keeping assist, automated emergency braking, blind-spot monitoring, and advanced parking aids. It's designed to make every journey safer and less stressful, offering near-autonomous capabilities in certain conditions.

Warranty & Maintenance Coverage

NIO typically backs the EL7 Long Range in Europe with a solid 5-year/150,000 km vehicle warranty, inspiring confidence. The crucial 90 kWh battery pack and drive unit usually get an even longer 8-year/160,000 km coverage, often with a minimum state-of-health guarantee. While specific complimentary maintenance packages can vary by market, NIO's direct-to-consumer model often includes comprehensive service options. With its advanced software and robust engineering, reliability is a key focus, supported by proactive diagnostics and over-the-air updates to keep things running smoothly.

How powerful is it? How fast does it accelerate?

The NIO EL7 Long Range (2022-...) 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 3.7 seconds ([Nº21 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 EL7 Long Range (2022-...) is 272 miles, ranking it [Nº106 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 EL7 Long Range (2022-...) 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 30 miles of range added per hour.

For faster charging, use DC fast-charging stations. The NIO EL7 Long Range (2022-...) supports a maximum DC charging rate of 127 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 EL7 Long Range (2022-...) comes in the following dimensions:

- Length: 193.4 in
- Width: 89.4 in (including side mirrors) or 78.2 in (excluding side mirrors)
- Height: 67.7 in
- Wheelbase: 116.5 in (distance between the center of the front and rear wheels)
- Curb weight: 5381 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 EL7 Long Range (2022-...), you'll find 20.1 cubic feet of storage space ([Nº65 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 54.6 cubic feet ([Nº93 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 EL7 Long Range (2022-...) can safely tow up to 4409 lbs, provided that the trailer has its own braking system.

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<https://greencarscompare.com/cars/nio-el7-100-kwh/>