



NIO ET7 Long Range (2022-...) (USA)

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General Info

Years of Production	2022 -
Market Availability	EU
Country of Manufacture	China
Current Status	Produced
Body Style	Sedan
Price USA (New/Used)	\$No data/No data

Range and Efficiency

Range EPA	No data
Range WLTP	314-360 mi
Range GCC	295 mi
Battery (Usable/Nominal)	90/100 kWh
Efficiency (Energy/Range)	30.5 kWh/100 mi
Efficiency (Range/Energy)	3.28 mi/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)/627 lb-ft
Acceleration 0-60 mph	3.6 s
Top Speed	124 mph

Dimensions

Length	200.8 in
Width (with Mirrors/no Mirrors)	86.7/78.2 in
Height	59.4 in
Wheelbase	120.5 in

Cargo and Towing

Number of Seats	5
Curb Weight	5410 lb
Cargo Volume (Trunk/Max/Frunk)	12.8/No data/No data ft3
Towing Capacity	4409 lb

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About NIO ET7 Long Range (2022-...)

Overview

The NIO ET7 Long Range is a seriously slick electric sedan aiming to give established luxury players a run for their money. Although not officially sold in the US, it showcases NIO's advanced tech, including its signature battery-swapping capability and the NOMI AI in-car companion. This Long Range AWD variant promises a compelling blend of performance and a Green Cars Compare estimated real-world range of 295 miles from its 90 kWh battery. If it landed stateside, it'd be squaring off against the likes of the Tesla Model S and Lucid Air.

What's New for 2025?

For the 2025 model year, the ET7 Long Range continues to benefit from NIO's relentless software evolution, meaning its impressive NOMI AI and sophisticated ADAS suite, Aquila Super Sensing, are constantly getting smarter via over-the-air updates. While specific hardware changes for this trim for 2025 haven't been detailed, NIO's focus on iterative improvement ensures the user experience, efficiency, and autonomous capabilities remain at the cutting edge. Expect the tech to feel perpetually fresh, keeping this premium sedan very competitive in its global markets.

Design & Exterior

The NIO ET7 Long Range boasts a stunning, minimalist design that's pure aerodynamic artistry. Its sleek fastback silhouette, flush door handles, and distinctive 'Watchtower' sensor pod housing LiDAR and cameras on the roof, give it a unique, high-tech road presence. This executive sedan measures 200.8 inches in length, 78.2 inches in width (no mirrors), and stands 59.4 inches tall. The clean lines, sharp 'shark nose' front, and elegant full-width taillight bar ensure this machine turns heads wherever it glides.

Interior, Tech & Cargo

Inside the ET7 Long Range, you're immersed in a cabin that's both minimalist and opulent, featuring sustainable materials like Karuun rattan. Dominating the dash is a gorgeous 12.8-inch AMOLED central screen, paired with a digital driver's display, all brought to life by the NOMI AI assistant. It's properly roomy for five occupants. For luggage, there's 12.8 cubic feet of trunk space, and the rear seats do fold for larger items, though there's no frunk. NIO's native OS is central, typically eschewing CarPlay/Android Auto for a deeply integrated tech experience.

Performance & Driving Experience

Don't let the ET7 Long Range's serene looks fool you; this thing shifts! Its dual-motor all-wheel-drive system, pairing a Permanent Magnet motor upfront with an Induction Motor at the rear, unleashes a mighty 480 kW (that's about 643 horsepower!) and 627 lb-ft of torque. Nail the throttle, and you'll hit 60 mph in a blistering 3.6 seconds. Expect a refined yet potent driving experience, with adaptive air suspension usually ensuring a plush ride and Brembo brakes providing strong stopping power, complemented by effective regenerative braking modes.

Range, Battery & Charging

The ET7 Long Range is equipped with a 90 kWh (usable) battery, offering a Green Cars Compare estimated

real-world range of 295 miles, sipping juice at around 3.28 mi/kWh. For AC charging, its 11 kW onboard unit can refill the battery overnight. When you need a quicker boost, it supports DC fast charging up to 127 kW. A game-changer is NIO's battery-swapping tech for near-instant 'refills'. While this EU model uses a CCS Type 2 port, a US version would likely feature CCS Type 1 or NACS.

Safety & Driver-Assistance Features

NIO loads the ET7 Long Range with cutting-edge safety tech, evidenced by its 5-star Euro NCAP rating. While US-specific NHTSA/IIHS ratings would follow a potential launch, its NIO Aquila Super Sensing system is seriously comprehensive. This includes 33 high-performance sensors like LiDAR, radar, and cameras, all feeding into the Adam supercomputer. Expect a full suite of standard driver aids: adaptive cruise control, lane-keeping assist, blind-spot monitoring, and autonomous emergency braking, providing a confident and secure journey.

Warranty & Maintenance Coverage

If the NIO ET7 Long Range were to launch in the US, warranty coverage would likely mirror its competitive offerings elsewhere. This typically includes a comprehensive vehicle warranty around 4-5 years or 50,000-60,000 miles. The crucial battery pack and drive units would probably get an 8-year/100,000-120,000 mile warranty, often with a minimum capacity guarantee. NIO sometimes offers complimentary maintenance or service packages. As a newer global brand, long-term reliability is still being proven, but early indicators point towards solid build quality and robust tech support.

How powerful is it? How fast does it accelerate?

The NIO ET7 Long Range (2022-...) can accelerate from 0 to 60 mph in 3.6 seconds ([Nº20 out of 119 ranked positions](#), among 979 electric vehicles, with some cars sharing positions) and reach a top speed of 124 mph.

The car's powertrain delivers up to 480 kW (644 hp) of power and 627 lb-ft of torque.

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

Real-world range of the NIO ET7 Long Range (2022-...) is 295 miles ([Nº83 out of 266 ranked positions](#), among 979 electric vehicles, with some cars sharing positions) — depending on several factors, including:

- Speed: Higher speeds deplete the battery faster.
- Temperature: Extreme cold and hot weather impacts range.
- Terrain: Hilly or mountainous terrain reduces range.
- Driving style: Aggressive driving with frequent acceleration and braking consumes more energy.
- Use of features: Features like climate control and media system also affect range.

It's important to remember that these are just estimates, and your actual range may vary. It's always best to factor in these various factors when planning your trip and be prepared for potential charging stops.

Plan your trips using the [EV Navigation interactive map](#).

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

In the USA NIO ET7 Long Range (2022-...) has a CCS Type 2 charge port.

- You can charge it at home using a standard domestic socket or plug into any public AC charging station using the right cable. Keep in mind that the car's on-board charger (inverter) limits the maximum AC charging rate to 11 kW, which translates to approximately 32 miles of range added per hour of charging.
- For quicker charging, consider using a compatible DC fast-charging station. The car boasts a maximum charging rate of 127 kW, but remember that battery temperature and charge level can influence the actual speed you'll experience.

Estimate charging time, rate and cost using [EV Charging Calculator](#).

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

Here are the dimensions and weight for the NIO ET7 Long Range (2022-...):

- Length: 200.8 in
- Width: 86.7 in (including side mirrors) or 78.2 in (excluding side mirrors)
- Height: 59.4 in
- Wheelbase: 120.5 in (distance between the center of the front and rear wheels)
- Curb weight: 5410 lbs (weight of the empty car, no people or cargo)

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

Here's a breakdown of the NIO ET7 Long Range (2022-...) cargo space:

- Trunk capacity: With the rear seats up, you get 12.8 cubic feet of cargo space in the back ([Nº125 out of 166 ranked positions](#), among 979 electric vehicles, with some cars sharing positions).
- Max cargo capacity: Fold down the rear seats, and you open up cubic feet of total cargo space ([Nº out of ranked positions](#), among 979 electric vehicles, with some cars sharing positions).
- Frunk capacity: The car doesn't have a "frunk" (front trunk).

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

The NIO ET7 Long Range (2022-...) has a towing capacity (braked) of up to 4409 lbs (maximum weight the car can tow safely with a trailer that has its own brakes).

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<https://greencarscompare.com/cars/nio-et7-100-kwh/>