



## Lexus RZ 500e (2025-...) (Europe)

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### General Info

Years of Production	2025 -
Market Availability	EU, USA
Country of Manufacture	Japan
Current Status	Announced
Body Style	SUV
Price Europe (New/Used)	€No data/No data

### Range and Efficiency

Range EPA	No data
Range WLTP	500 km
Range GCC	425 km
Battery (Usable/Nominal)	69.3/77 kWh
Efficiency (Energy/Range)	16.3 kWh/100 km
Efficiency (Range/Energy)	6.13 km/kWh

### Charging

Architecture	400 V
Max AC Charging	22 kW
Max DC Charging	150 kW
Charge Port	CCS Type 2

### Performance

Drive Type	AWD PMSM (front), PMSM (rear)
Motor (Power/Torque)	280 kW (375 hp)/435 Nm
Acceleration 0-100 km/h	4.6 s
Top Speed	160 km/h

### Dimensions

Length	4805 mm
Width (with Mirrors/no Mirrors)	No data
Height	1635 mm
Wheelbase	2850 mm

### Cargo and Towing

Number of Seats	5
Curb Weight	2100 kg
Cargo Volume (Trunk/Max/Frunk)	522/1451/No data l
Towing Capacity	1500 kg

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# About Lexus RZ 500e (2025-...)

## Overview

The 2025 Lexus RZ 500e is an eagerly anticipated all-electric premium SUV, marking a significant step in Lexus's electric journey. This specific 500e trim promises a compelling blend of luxury, advanced technology, and enhanced performance within the growing RZ family. It's poised to electrify the premium SUV segment with Lexus's renowned craftsmanship and a focus on a dynamic driving experience. Official European pricing is yet to be announced, but expect it to reflect its premium positioning and feature set. It's definitely one to watch if you're after a posh electric chariot.

## What's New for 2025?

For 2025, the big news for the RZ lineup is the arrival of this punchier 500e variant. While the RZ itself isn't brand new, the 500e dials up the excitement, slotting in as a more performance-oriented option. This means more grunt from its dual motors compared to other RZ models, offering a more spirited drive thanks to its 280 kW powertrain. Expect specific badging and potentially some unique interior or exterior styling cues to set it apart. It's Lexus showing they can do sporty EVs too, not just comfy cruisers.

## Design & Exterior

The RZ 500e flaunts Lexus's bold "spindle body" design, looking sharp and futuristic. It's a head-turner, with sleek lines, a coupe-like sloping roofline, and signature L-shaped LED lights that make it instantly recognisable. Dimensions are substantial: 4805 mm long, 1895 mm wide (excluding mirrors), and 1635 mm tall, giving it a commanding presence. The 500e trim should sport some natty alloy wheels and subtle trim-specific details, ensuring it looks every bit the premium electric SUV it is. It's certainly not shy!

## Interior, Tech & Cargo

Step inside the RZ 500e, and you're greeted by the "Tazuna" driver-focused cockpit – pure Lexus quality with a minimalist, tech-forward vibe. Materials feel plush, and there's seating for five. Cargo-wise, you get a useful 522 litres in the boot, expanding to a hefty 1451 litres with the rear seats folded flat – plenty of space for weekend gear. Sadly, there's no frunk for extra bits. A large central touchscreen (likely 14 inches) runs the latest Lexus Interface system, complete with wireless Apple CarPlay and Android Auto.

## Performance & Driving Experience

This is where the RZ 500e aims to thrill! With its dual-motor All-Wheel Drive system featuring Permanent Magnet Synchronous Motors (PMSM) front and rear, it pumps out a combined 280 kW and 435 Nm of torque. It'll sprint from 0-100 km/h in a brisk 4.6 seconds, on its way to a top speed of 160 km/h. Lexus's DIRECT4 AWD system promises agile handling and a connected feel. Expect a silky-smooth ride, typical of Lexus, but with an added dash of dynamism. The optional steer-by-wire system could be a game-changer.

## Range, Battery & Charging

The RZ 500e packs a 69.3 kWh usable battery, boasting a real-world range estimate of around 425 km, as calculated by Green Cars Compare – decent for daily driving and some longer trips. Efficiency is rated at a solid 6.13 km/kWh. For charging, its 400V architecture supports up to a very convenient 22 kW on AC via its CCS Type 2 port, meaning a full top-up could take just over 3 hours. For rapid pit-stops, it can accept

electrons at up to 150 kW on a DC fast charger.

## Safety & Driver-Assistance Features

Lexus doesn't skimp on safety, and the RZ 500e is a fortress on wheels, backed by an excellent 5-star Euro NCAP rating. It comes loaded with the latest Lexus Safety System+, likely the 3.0 version. This means advanced pre-collision systems, dynamic radar cruise control, lane tracing assist, and road sign assist as standard. Blind-spot monitoring and rear cross-traffic alert will also be on board, ensuring peace of mind whether you're navigating city streets or cruising on the motorway. Driver Monitor Camera is also typically included.

## Warranty & Maintenance Coverage

Lexus offers impressive peace of mind. Expect a comprehensive basic vehicle warranty, typically 3 years/100,000 km in Europe, potentially extendable up to 10 years with the "Lexus Relax" program if serviced at a Lexus dealer. The crucial EV battery warranty is even better, often covering 10 years or an incredible 1,000,000 km for 70% capacity retention, subject to regular health checks. Combined with Lexus's legendary reliability, ownership should be pretty stress-free. Maintenance should also be lower than a comparable internal combustion engine car.

## How powerful is it? How fast does it accelerate?

The Lexus RZ 500e (2025-...) can accelerate from 0 to 60 mph in 4.4 seconds ([Nº28 out of 119 ranked positions](#), among 971 electric vehicles, with some cars sharing positions) and reach a top speed of 99 mph.

The car's powertrain delivers up to 280 kW (375 hp) of power and 321 lb-ft of torque.

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

Real-world range of the Lexus RZ 500e (2025-...) is 264 miles ([Nº112 out of 264 ranked positions](#), among 971 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 Lexus RZ 500e (2025-...) has a Tesla (NACS) 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 22 kW, which translates to approximately 75 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 150 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 Lexus RZ 500e (2025-...):

- Length: 189.1 in
- Width: in (including side mirrors) or 74.6 in (excluding side mirrors)
- Height: 64.4 in
- Wheelbase: 112.2 in (distance between the center of the front and rear wheels)
- Curb weight: 4630 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 Lexus RZ 500e (2025-...) cargo space:

- Trunk capacity: With the rear seats up, you get 34.1 cubic feet of cargo space in the back ([Nº20 out of 166 ranked positions](#), among 971 electric vehicles, with some cars sharing positions).
- Max cargo capacity: Fold down the rear seats, and you open up 51.2 cubic feet of total cargo space ([Nº107 out of 201 ranked positions](#), among 971 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 Lexus RZ 500e (2025-...) has a towing capacity (braked) of up to 3307 lbs (maximum weight the car can tow safely with a trailer that has its own brakes).

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<https://greencarscompare.com/cars/lexus-rz-500e/>