

LEXUS RZ TECHNICAL SPECIFICATIONS

POWERTRAIN		RZ 350e	RZ 500e	RZ 550e
Type		Permanent magnet synchronous motor		
Full system max. power (bhp/DIN hp/kW) ¹		221/224/165	376/380/280	402/408/300
Front motor output (bhp/DIN hp/kW)		224/227/167		
Rear motor output (bhp/DIN hp/kW)		-	224/227/167	
Max. front motor torque (Nm)		269	269	
Max. rear motor torque (Nm)		-	269	
BATTERY		RZ 350e	RZ 500e	RZ 550e
Type		Lithium-ion		
Capacity (kWh)		77		
BATTERY CHARGING		RZ 350e	RZ 500e	RZ 550e
Max. charging power AC (kW) ²		22		
AC charging time 10-100% ³		3h 30min		
Max. charging power DC (kW) ⁴		150		
DC charging time 10-80%		30min		
TRANSMISSION		RZ 350e	RZ 500e	RZ 550e
Type		Single speed		
Differential gear ratio (front/rear)		13.786/-	13.786/13.786	
Driven wheels		Front Wheel Drive	Direct4 all-wheel drive	
PERFORMANCE		RZ 350e	RZ 500e	RZ 550e
Max. speed (mph)		99	112	
0-62mph acceleration (sec)		7.5	4.6	4.4
	18in wheels	4.3	3.7	-

Energy consumption (miles/kWh)	20in wheels	3.8	3.4	3.4
Driving range ⁵ (miles, WLTP combined cycle)	18in wheels	353	311	280
	20in wheels	316	283	-
Driving range ⁵ (miles, WLTP city cycle)	18in wheels	478	410	280
	20in wheels	432	373	367
SUSPENSION		RZ 350e	RZ 500e	RZ 550e
Front		MacPherson strut		
Rear		Double wishbones, trailing arms		
BRAKES		RZ 350e	RZ 500e	RZ 550e
Front		Ventilated discs		
Rear		Ventilated discs		
Parking brake		Electronic		
STEERING		RZ 350e	RZ 500e	RZ 550e
Type		Electric-assisted rack and pinion		Lexus steer-by-wire
Turns lock-to-lock		2.81		-
Minimum turning radius – body (m)		5.6		
Minimum turning radius – tyre (m)		6.0		
EXTERIOR DIMENSIONS		RZ 350e	RZ 500e	RZ 550e
Overall length (mm)		4,805		
Overall width (mm)		1,895		
Overall height (mm)		1,635		
Wheelbase (mm)		2,850		
Front track (mm)		1,610		

Rear track (mm)	1,620		
Front overhang (mm)	975		
Rear overhang (mm)	980		
Min. ground clearance (mm)	200		
Drag coefficient (Cd)	0.28		
INTERIOR DIMENSIONS	RZ 350e	RZ 500e	RZ 550e
Interior length (mm)	1,845		
Interior width (mm)	1,520		
Interior height	1,200		
Load compartment volume – rear seats up (VDA I) ⁷	522		
Load compartment volume – rear seats down (VDA I) ⁷	1,451		
WEIGHTS	RZ 350e	RZ 500e	RZ 550e
Kerb weight (kg) ⁶	1,995 – 2,050	2,100 – 2,165	2,135- 2,180
Gross vehicle weight (kg)	2,520	2,640	
Towing capacity – unbraked (kg)	750	1,500	No towing
Towing capacity – baked (kg)	750	1,500	No towing
WHEELS & TYRES	RZ 350e	RZ 500e	RZ 550e
Wheel and tyre sizes	18in: 235/60R18 front, 255/55R18 rear 20in: 235/50R20 front, 255/45R20 rear		

1: Combined electric motors; 2: For charging at 22 kW, an AC charger with a three-phase supply of 32A or greater is required. When charging at an AC electrical socket with an AC charging cable, the maximum charging power will be lower, depending on the specifications of the power supply available. The charging current setting enables the user to select a maximum charge current available to prevent the breaker inside the house being tripped during charging. 3: Approximate charging time based on internal measurements and predicted values, intended solely for comparison between different models. The time required until completion of charging may vary due to factors such as the age, type, condition and temperature of the charging unit, the age, type, condition, charge level and temperature of the drive battery, the outside air temperature, and the specifications of the power supply. DC charging time is an indicative value with 20°C battery temperature at the start of charging and utilising the maximum charging power. 4: For charging at 150kW a DC charger stand conforming to the CCS2 standard with a maximum output of 150kW (400A) or greater is required. 5: The electric range and electric energy consumption values are measured in a controlled environment on a representative production model, in accordance with the requirements of the new WLTP European Regulation EC 2017/1151 and its applicable amendments. For each individual vehicle configuration, the electric range and electric energy consumption values may be

calculated based on the ordered optional equipment. The electric range and electric energy consumption values of your vehicle may vary from those measured or calculated values, as driving behaviour as well as other factors (such as road conditions, traffic, vehicle condition, tyre pressure, load, number of passengers, etc) have an influence on a car's electric range and electric energy consumption. For more information regarding the new WLTP test method, please visit: www.lexus.eu/wltp#nedc. 6: The kerb weight differs by grade, alloy wheel size and towing capacity.. 7: Luggage volume figures are as per the VDA method. All figures quoted include the maximum under floor storage area in the luggage compartment.

These specifications are a guide for media only. Customers wishing to check details of a specific vehicle should contact their Lexus centre or visit www.lexus.co.uk.