

## LEXUS RX TECHNICAL SPECIFICATIONS

<b>ENGINE</b>	
Engine code	2GR-FXS
Engine type	V6
Valve mechanism	24-valve DOHC, VVT-iW
Displacement (cc)	3,456
Bore x stroke (mm)	94.0 x 83.0
Compression ratio	13.0:1
<b>Full system power – petrol engine &amp; electric motor (bhp/kW)</b>	<b>308/230</b>
Max. engine power (bhp/kW @ rpm)	259/193 @ 6,000
Max. engine torque (Nm @ rpm)	335 @ 4,600
Emissions certification	Euro 6
<b>HYBRID SYSTEM – RX 450h</b>	
<b>Electric motor (front)</b>	
Type	AC permanent magnet, synchronous motor
Max. power (bhp/kW)	165/123
Max. torque (Nm)	335
<b>Electric motor (rear)</b>	
Type	AC permanent magnet, synchronous motor
Max. power (bhp/kW)	68/50
Max. torque (Nm)	139
<b>Hybrid battery</b>	
Type	Nickel metal-hydride
Nominal voltage	288
Number of cells	240
System voltage	650
<b>PERFORMANCE</b>	
0-62mph (sec)	7.7
Max. speed (mph)	124
<b>DIMENSIONS</b>	
Overall length (mm)	4,890
Overall width – without mirrors (mm)	1,895
Overall height (mm)	1,685
Wheelbase (mm)	2,790

Track front (mm)		1,640
Track rear (mm)		1,650
Overhang front (mm)		1,080
Overhang rear (mm)		1,020
Coefficient of Drag (Cd)		0.33
Fuel tank capacity (litres)		65
<b>INTERIOR DIMENSIONS</b>		
Interior length (mm)		1,360
Interior width (mm)		1,474
Interior height (mm)		1,050 1,019 (with panoramic roof)
Luggage capacity (VDA, litres)	Rear seats up	453
	Rear seats folded	924
<b>WEIGHTS (kg)</b>		
Kerb weight (kg)	SE	2,100 – 2,155
	Other grades	2,100 – 2,210
Gross vehicle weight (kg)		2,715
Towing capacity – braked (kg)	SE	n/a
	Other grades	2,000
Towing capacity – unbraked (kg)	SE	n/a
	Other grades	750
<b>TRANSMISSION</b>		<b>E-CVT</b>
Gear ratios	Forward	3.137
	Reverse	n/a
Differential Gear Ratio (front/rear)		3.137/6.859
<b>FUEL CONSUMPTION*</b>		
Combined – WLTP data (mpg)		35.15 to 37.39
<b>EMISSIONS*, INSURANCE &amp; SERVICING</b>		
CO <sub>2</sub> – NEDC correlated data (g/km)	18in wheel	132
	20in wheel	134
Insurance groups	SE	41E
	Luxury	41E
	F Sport	41E
	Premier	42E
Service intervals		10,000 miles/annually
<b>SUSPENSION</b>		
Front		MacPherson strut
Rear		Double wishbones
<b>BRAKES</b>		

Front (diameter x thickness, mm)	Ventilated discs 328 x 34	
Rear (diameter x thickness, mm)	Ventilated discs 338 x 18	
Parking brake	Electric	
<b>STEERING</b>		
Type	Rack and pinion, electric power steering	
Ratio	14.7:1	
Turns (lock to lock)	2.7	
Min. turning radius (m)	Tyre	5.8
	Body	6.9
<b>TYRES &amp; WHEELS</b>		
Wheel & tyre size	Other grades	18in 8J, 235/65R18 106V
		20in 8J, 235/55R20 102V