

LEXUS RX TECHNICAL SPECIFICATIONS

ENGINE	
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
Full system power – petrol engine & electric motor (bhp/kW)	308/230
Max. engine power (bhp/kW @ rpm)	259/193 @ 6,000
Max. engine torque (Nm @ rpm)	335 @ 4,600
Emissions certification	Euro 6
HYBRID SYSTEM – RX 450h	
Electric motor (front)	
Type	AC permanent magnet, synchronous motor
Max. power (bhp/kW)	165/123
Max. torque (Nm)	335
Electric motor (rear)	
Type	AC permanent magnet, synchronous motor
Max. power (bhp/kW)	68/50
Max. torque (Nm)	139
Hybrid battery	
Type	Nickel metal-hydride
Nominal voltage	288
Number of cells	240
System voltage	650
PERFORMANCE	
0-62mph (sec)	7.7
Max. speed (mph)	124
DIMENSIONS	
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
INTERIOR DIMENSIONS		
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
WEIGHTS (kg)		
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
TRANSMISSION		E-CVT
Gear ratios	Forward	3.137
	Reverse	n/a
Differential Gear Ratio (front/rear)		3.137/6.859
FUEL CONSUMPTION*		
Combined (mpg)	18in wheel	48.7
	20in wheel	47.9
Urban (mpg)	18in wheel	49.6
	20in wheel	47.1
Extra urban (mpg)	18in wheel	47.9
	20in wheel	48.7
EMISSIONS*, INSURANCE & SERVICING		
CO ₂ (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	
SUSPENSION		
Front	MacPherson strut	
Rear	Double wishbones	
BRAKES		
Front (diameter x thickness, mm)	Ventilated discs 328 x 34	
Rear (diameter x thickness, mm)	Ventilated discs 338 x 18	
Parking brake	Electric	
STEERING		
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
TYRES & WHEELS		
Wheel & tyre size	Other grades	18in 8J, 235/65R18 106V
		20in 8J, 235/55R20 102V

*

Fuel and emission figures are NEDC correlated WLTP data.

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