

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/DIN hp/kW)	308/313/230
Max. engine power (bhp/DIN hp/kW @ rpm)	259/262/193 @ 6,000
Max. engine torque (Nm @ rpm)	335 @ 4,600
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)	67/50
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)	1,630
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)		2,093
Interior width (mm)		1,588
Interior height (mm)		1,202 1,131 (with sunroof) 1,148 (with panoramic roof)
Luggage capacity (VDA, litres)	Rear seats up	453
	Rear seats folded	924
WEIGHTS (kg)		
Kerb weight (kg)		2,100 – 2,210
Gross vehicle weight (kg)		2,715
Towing capacity – braked (kg)		2,000
Towing capacity – unbraked (kg)		750
TRANSMISSION		
Type		E-CVT
Gear ratios	Forward	3.137
	Reverse	n/a
Differential Gear Ratio (front/rear)		3.137/6.859
FUEL CONSUMPTION (WLTP)		
Combined (mpg)		35.7 to 36.2
EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY		
CO ₂ – combined (g/km)	RX	178 179 with panoramic roof
	RX Premium Pack	178 179 with panoramic roof
	RX Premium Tech & Safety Pack	179
	F Sport	179 180 with panoramic roof
	F Sport Tech and Safety Pack	180
	F Sport with Active Stabilisers	179
	F Sport Takumi Pack	180 179 with sunroof and/or active stabilisers
	Takumi	179
Insurance	RX	41E
	F Sport	42E
	Takumi	42E
Service intervals		10,000 miles/annually
Comprehensive warranty		3 years/60,000 miles

Hybrid warranty	5 years/60,000 miles (whichever first)
Corrosion & perforation	12 years/unlimited mileage
Surface rust & paintwork	3 years/unlimited mileage
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	5.9
	Body	6.9
TYRES & WHEELS		
Wheel & tyre size	20x8J, 235/55R20 102V	
Spare wheel	Temporary spare	