

LEXUS RX 450hL 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
HYBRID SYSTEM	
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)	8.0
Max. speed (mph)	112
DIMENSIONS	
Overall length (mm)	5,000
Overall width – without mirrors (mm)	1,895
Overall height (mm)	1,700
Wheelbase (mm)	2,790

Track front (mm)		1,640
Track rear (mm)		1,630
Overhang front (mm)		1,080
Overhang rear (mm)		1,130
Coefficient of Drag (Cd)		0.33
Fuel tank capacity (litres)		65
INTERIOR DIMENSIONS		
Interior length (mm)		1,203/1,131 (with sunroof)
Interior width (mm)		1,623
Interior height (mm)		1,050 1,019 (with sunroof)
Luggage capacity (VDA, litres)	Rear seats up	495
	Rear seats folded	966
WEIGHTS		
Kerb weight (kg)		2,205 – 2,270
Gross vehicle weight (kg)		2,840
TRANSMISSION		
Type		E-CVT, part-time all-wheel drive
Gear ratios	Forward	3.137
	Reverse	n/a
Differential Gear Ratio (front/rear)		3.137/6.859
FUEL CONSUMPTION *		
Combined (mpg)	18in wheel	47.9
	20in wheel	47.1
Urban (mpg)	18in wheel	45.6
	20in wheel	44.8
Extra urban (mpg)	18in wheel	47.1
	20in wheel	46.3
EMISSIONS*, INSURANCE & SERVICING		
CO ₂ (g/km)	18in wheel	136
	20in wheel	138
Insurance groups	SE	41E
	Luxury	43E
	Premier	43E
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		TBC
Turns (lock to lock)		2.7
Min. turning radius (m)	Tyre	5.9
	Body	6.9
TYRES & WHEELS		
Wheel & tyre size		18in 8J, 235/65R18 106V 20in 8J, 235/55R20 102V

*Fuel consumption and emissions figures are NEDC correlations of WLTP data.

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