

## LEXUS RX 450hL 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
<b>HYBRID SYSTEM</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)	8.0
Max. speed (mph)	112
<b>DIMENSIONS</b>	
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
<b>INTERIOR DIMENSIONS</b>		
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
<b>WEIGHTS</b>		
Kerb weight (kg)		2,205 – 2,270
Gross vehicle weight (kg)		2,840
<b>TRANSMISSION</b>		
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
<b>FUEL CONSUMPTION *</b>		
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
<b>EMISSIONS*, INSURANCE &amp; SERVICING</b>		
CO <sub>2</sub> (g/km)	18in wheel	136
	20in wheel	138
Insurance groups	SE	41E
	Luxury	43E
	Premier	43E
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		TBC
Turns (lock to lock)		2.7
Min. turning radius (m)	Tyre	5.9
	Body	6.9
<b>TYRES &amp; WHEELS</b>		
Wheel & tyre size		18in 8J, 235/65R18 106V 20in 8J, 235/55R20 102V

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

Ref:180531M