

## LEXUS RX L 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/DIN hp/kW)</b>	<b>308/313/230</b>
Max. engine power (bhp/DIN hp/kW @ rpm)	259/262/193 @ 6,000
Max. engine torque (Nm @ rpm)	335 @ 4,600
<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)	67/50
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)		2,773
Interior width (mm)		1,623
Interior height (mm)		1,203 1,131 (with sunroof)
Load capacity (VDA, litres)	All rear seats up, floor to top of 3 <sup>rd</sup> row seats	176
	All rear seats up, floor to roof	211
	3 <sup>rd</sup> row seats folded (floor to tonneau cover)	432
	3 <sup>rd</sup> row seats folded (floor to roof)	652
	2 <sup>nd</sup> and 3 <sup>rd</sup> row seats folded (floor to top of front seats)	966
	2 <sup>nd</sup> and 3 <sup>rd</sup> row seats folded (floor to roof)	1,656
<b>WEIGHTS (kg)</b>		
Kerb weight (kg)		2,205 – 2,270
Gross vehicle weight (kg)		2,840
Towing capacity – braked (kg)		n/a
Towing capacity – unbraked (kg)		n/a
<b>TRANSMISSION</b>		
Type		E-CVT
Gear ratios	Forward	3.137
	Reverse	n/a
Differential Gear Ratio (front/rear)		3.137/6.859
<b>FUEL CONSUMPTION (WLTP)</b>		
Combined (mpg)		34.4

<b>EMISSIONS (WLTP), INSURANCE, SERVICING &amp; WARRANTY</b>		
CO <sub>2</sub> emissions – combined (g/km)	RX L	185 186 with sunroof
	RX L Premium Pack	185 186 with sunroof
	RX L Premium & Tech & Safety Pack	186
	Takumi	185
Insurance groups	RX L	41E
	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
<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	5.9
	Body	6.9
<b>TYRES &amp; WHEELS</b>		
Wheel & tyre size		20x8J, 235/55R20 102V
Spare wheel		Temporary spare