

LEXUS RX L 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)	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)		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 rd row seats	176
	All rear seats up, floor to roof	211
	3 rd row seats folded (floor to tonneau cover)	432
	3 rd row seats folded (floor to roof)	652
	2 nd and 3 rd row seats folded (floor to top of front seats)	966
	2 nd and 3 rd row seats folded (floor to roof)	1,656
WEIGHTS (kg)		
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
TRANSMISSION		
Type		E-CVT
Gear ratios	Forward	3.137
	Reverse	n/a
Differential Gear Ratio (front/rear)		3.137/6.859
FUEL CONSUMPTION (WLTP), EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY		
Combined (mpg)		34.4

CO ₂ 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
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