

LEXUS RC TECHNICAL SPECIFICATIONS

ENGINE	
Engine code	2AR-FSE
Engine type	4 cylinders in-line
Valve mechanism	16 valve DOHC, dual VVT-i
Displacement (cc)	2,494
Bore x stroke (mm)	90.0 x 98.0
Compression ratio	13.0:1
Max. power (bhp/kW @ rpm)	178/133 @ 6,000
Max. torque (Nm @ rpm)	221 @ 4,200-5,400
HYBRID SYSTEM	
Motor generator	
Type	Permanent magnet, synchronous motor
Max. voltage	650
Max. power (bhp/kW)	141/105
Max. torque (Nm)	300
Hybrid battery	
Type	Nickel metal-hydride
Nominal voltage	230.4
Number of cells	192
System voltage	650
Total system output (bhp/kW)	220/164
PERFORMANCE	
0-62mph (sec)	8.6
Max. speed (mph)	118
DIMENSIONS	
Overall length (mm)	4,695
Overall width –mirrors folded (mm)	1,840
Overall width – including mirrors (mm)	2,069
Overall height (mm)	1,395
Wheelbase (mm)	2,730
Track front (mm)	1,580
Track rear (mm)	1,600 (18in wheels) 1,570 (19in wheels)
Overhang front (mm)	930

Overhang rear (mm)		1,035
Coefficient of Drag (Cd)		0.285
Fuel tank capacity (litres)		66
INTERIOR DIMENSIONS		
Interior length (mm)		1,875
Interior width (mm)		1,520
Interior height (mm)		1,120 1,110 (with sunroof)
Luggage capacity (litres)		340
WEIGHTS (kg)		
Kerb weight		1,736 – 1,775
Gross vehicle weight		2,170
Towing capacity (braked)		N/A
Towing capacity (unbraked)		N/A
TRANSMISSION		E-CVT
Gear ratios	Forward	3.333
	Reverse	3.333
Differential Gear Ratio		2.764
FUEL CONSUMPTION		
Combined (mpg)	Luxury	57.6
	F Sport	56.5
	Premier	56.5
Urban (mpg)	Luxury	57.6
	F Sport	55.3
	Premier	55.3
Extra Urban (mpg)	Luxury	57.6
	F Sport	56.5
	Premier	56.5
EMISSIONS & INSURANCE		
CO ₂ (g/km)	Luxury	113
	F Sport	116
	Premier	116
Insurance groups	Luxury	34E
	F Sport	35E
	Premier	36E
SUSPENSION		
Front		Double wishbones Adaptive Variable Suspension (F Sport)
Rear		Multilink

	Adaptive Variable Suspension (F Sport)	
BRAKES		
Front (diameter x thickness, mm)	Ventilated discs 334 x 30	
Rear (diameter x thickness, mm)	Ventilated discs 310 x 18	
Parking brake	Foot pedal	
STEERING		
Type	Rack and pinion, electric power steering	
Ratio	13.2	
Turns (lock to lock)	2.84	
Min. turning radius (m)	Tyre	5.2
	Body	5.6
TYRES AND WHEELS		
Tyre & wheel size	Luxury	Front 235/45R18 Rear 235/45R18
	F Sport/ Premier	Front 235/40R19 Rear 265/35R19

