

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. engine power (bhp/DIN hp/kW @ rpm)	178/181/133 @ 6,000
Total hybrid system output (bhp/DIN hp/kW)	220/223/164
Max. engine 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
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)	1,040
Coefficient of Drag (Cd)	0.292
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		1,735 – 1,775
Gross vehicle weight		2,170
Towing capacity (braked)		Towing prohibited
Towing capacity (unbraked)		Towing prohibited
TRANSMISSION		
		E-CVT
Gear ratios	Forward	3.333
	Reverse	3.333
Differential Gear Ratio		2.764
FUEL CONSUMPTION (WLTP)		
Combined (mpg)		44.1 to 45.5
Fuel tank capacity (l)		66
EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY		
CO ₂ emissions - combined (g/km)	RC	141
	F Sport	145 146 with BSM and/or sunroof
	F Sport with Takumi Pack	146
	Takumi	146
Insurance groups	RC	31E
	RC F Sport	32E
	RC Takumi	32E
Service intervals		10,000 miles/annually
Comprehensive new vehicle warranty		3 years/60,000 miles (whichever comes first)
Hybrid warranty		5 years
Corrosion/perforation warranty		12 years
Surface rust/paintwork		
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	RC	Front 235/45R18 Rear 235/45R18
	RC F Sport/ RC Takumi	Front 235/40R19 Rear 265/35R19

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