

LEXUS RX 450h TECHNICAL SPECIFICATIONS

ENGINE & TRANSMISSION	
Hybrid Drive	
Type	Series/parallel, full hybrid
System Output (bhp)	295
Engine	
Engine Code	2GR-FXE
Displacement (cc)	3,456
Engine type	V6
Fuel type	Petrol, 95 octane or greater
Valve mechanism	24-valve; DOHC; chain drive with VVT-i
Bore x stroke (mm)	94.0 x 83.0
Compression ratio	12.5:1
Max. power (bhp/kW @ rpm)	246/183@ 6,000
Motor	
Front Electric motor	AC synchronous, permanent magnet
Max. power (bhp/kW)	174/130
Max. torque (Nm)	335
Voltage (V)	650
Electric generator	
Type	AC synchronous, permanent magnet
Max. power (bhp/kW)	165/123
Max. torque (Nm)	88
Voltage (V)	650
Rear Electric motor	
Type	AC synchronous, permanent magnet
Max. power (bhp/kW)	67/50
Max. torque (Nm)	139
Hybrid Battery	
High Voltage battery	Nickel Metal Hydride (Ni-MH)
Voltage (V)	288
Number of Modules	30 Modules, 240 cells
Transmission	
Type	Part-time four-wheel drive (E-FOUR)
Gearbox type	Hybrid Transmission (Electrically controlled continuously variable transmission) with sequential shift mode
PERFORMANCE	
Max. speed (mph)	124
0-62mph (sec)	7.8
CONSUMPTION & EMISSIONS	
Combined (mpg)*	44.8
Extra Urban (mpg)*	47.1
Urban (mpg)*	43.5
CO₂ emissions (g/km) *	
Combined	145
Extra Urban	145
Urban	147
VED band	F
Insurance groups	40E (SE) 41E (Premier, Luxury)

	42E (F Sport)
SUSPENSION	
Type	Coil springs (standard); air suspension (SE-L and SE-L Premier)
Front	MacPherson strut
Rear	Double wishbone
Stabiliser	Torsion bar
BRAKES	
Front (mm)	Ventilated discs (ø 328 x 34)
Rear (mm)	Ventilated discs (ø 309 x 18)
ABS	✓
ECB - Electronically Controlled Braking	✓
EBD - Electronic Brake-force Distribution	✓
BA - Brake Assist	✓
TRC - Traction Control	✓
VSC - Vehicle Stability Control	✓
VDIM	✓
WHEELS AND TYRES	
SE	18in alloy, 5-spoke, 235/60R18
Luxury	19in dark-finish alloy, 15-spoke, 235/55R19
F Sport	19in dark-finish alloy, 10-spoke, 235/55R19
Premier	19in alloy, 10-spoke, 235/55R19
DIMENSIONS AND WEIGHTS	
Exterior dimensions	
Overall length (mm)	4,770
Overall width (mm)	1,885
Overall height (mm)	1,685 - 1,715
Wheelbase (mm)	2,740
Track front (mm)	1,630
Track rear (mm)	1,620
Overhang front (mm)	1,000
Overhang rear (mm)	1,030
Min. running ground clearance (mm)	175
Angle of approach (degrees)	28.8 - 29.2
Angle of departure (degrees)	24.8 - 24.3
Coefficient of drag (Cd)	0.32
Interior dimensions	
Interior length (mm)	2,200
Interior width (mm)	1,560
Interior height (mm)	1,220 - 1,185
Head room - Front (mm)	950
Head room - Rear (mm)	937
Leg room - Front (mm)	1,096
Leg room - Rear (mm)	942
Shoulder room - Front (mm)	1,472
Shoulder room - Rear (mm)	1,462
Luggage capacity Rear Seats Up (l - VDA)	446
Luggage capacity Rear Seats Down (l - VDA)	1,760
Fuel tank capacity (l)	65

WEIGHT	
Kerb weight (min.-max. - kg)	2,110-2,205
Gross vehicle weight (kg)	2,700
Towing capacity - braked (kg)	2,000
Towing capacity - unbraked (kg)	750
STEERING	
Type	Rack & pinion
Power steering type	EPS
Ratio	14.8:1
Turns (lock to lock)	2.79
Minimum turning radius, wall to wall (m)	6.1
Minimum turning radius, kerb to kerb (m)	5.7

* The fuel consumption and CO₂ values are measured in a controlled environment, in accordance with the requirements of Directive 80/1268/EEC incl. its amendments, on a vehicle with European Standard equipment. For further information about such a vehicle, please contact your local Lexus PR office.

The fuel consumption and CO₂ values of your vehicle may vary from those measured. Driving behaviour as well as other factors (such as road conditions, traffic, vehicle conditions, installed equipment, load, number of passengers,) play a role in determining a car's fuel consumption and CO₂ emissions.

The mpg figures quoted are sourced from official EU-regulated test results. These are provided for comparability purposes and may not reflect an individual's actual driving experience.

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