

LEXUS LM TECHNICAL SPECIFICATIONS

ENGINE	
Engine type	4 cylinders in-line
Valve mechanism	16 valve DOHC
Displacement (cc)	2,487
Bore x stroke (mm)	87.5 x 103.4
Compression ratio	14.0:1
Total system output – motors and engine (bhp/DIN hp/kW)	204/206/152
Max. engine power (bhp/DIN hp/kW @ rpm)	187/190/140 @ 6,000
Max. engine torque (Nm @ rpm)	239 @ 4,300-4,500
HYBRID SYSTEM	
Electric motor (front)	
Type	Permanent magnet, synchronous motor
Voltage	650
Max. power (bhp/DIN hp/kW)	178/180/134
Max. torque (Nm)	270
Electric motor (rear)	
Type	Permanent magnet, synchronous motor
Voltage	650
Max. power (bhp/DIN hp/kW)	53/54/40
Max. torque (Nm)	121
Hybrid battery	
Type	Lithium-ion
Nominal voltage	259
Number of modules	9
PERFORMANCE	
0-62mph (sec)	8.7

Max. speed (mph)		118
Max. EV speed		77
DIMENSIONS		
Overall length (mm)		5,125
Overall width – mirrors folded (mm)		1,890
Overall height (mm)		1,930 – 17in wheels 1,940 – 19in wheels
Wheelbase (mm)		3,000
Track front (mm)		1,615
Track rear (mm)		1,620
Overhang front (mm)		1,005
Overhang rear (mm)		1,125
Coefficient of Drag (Cd)		0.33
INTERIOR DIMENSIONS		
Interior length (mm)		2,735 (4-seat) 2,965 (7-seat)
Interior width (mm)		1,590 (4-seat) 1,655 (7-seat)
Interior height (mm)		1,365
Load space (VDA I)	Rear seats up	752 (4-seat) 110 (7-seat)
	Max. capacity	752 (4-seat) 1,191 (7-seat)
WEIGHTS		
Kerb weight (kg)		2,345-2,355
Gross vehicle weight (kg)		2,870 (4-seat) 2,880 (7-seat)
TRANSMISSION		
Type		E-CVT
Differential gear ratio – front		3.638

Differential gear ratio – rear		10.781
FUEL CONSUMPTION (WLTP)		
Combined WLTP (mpg)		39.8
Fuel tank capacity (l)		60
EMISSIONS (WLTP), SERVICING & WARRANTY		
CO ₂ emissions – combined (g/km)		160
Service intervals		10,000 miles/annually
Comprehensive warranty		3 years/60,000 miles
Hybrid warranty		5 years/60,000 miles
Corrosion & perforation		12 years/unlimited mileage
Surface rust & paintwork		3 years/unlimited mileage
SUSPENSION		
Front		MacPherson strut
Rear		Double wishbone
BRAKES		
Front (diameter x thickness, mm)		Ventilated discs, 328 x 34
Rear (diameter x thickness, mm)		Ventilated discs, 317 x 18
Parking brake		Electronic
STEERING		
Type		Rack and pinion, electric power steering
Turns (lock to lock)		2.83
Min. turning radius (m)	Tyre	5.9
	Body	6.5
WHEELS & TYRES		
Wheel and tyre size		19in cast alloy 225/55R19