

LEXUS LM TECHNICAL SPECIFICATIONS

ENGINE	LM 350h FWD	LM 350h AWD
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)	247/250/184	
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	LM 350h FWD	LM 350h AWD
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	LM 350h FWD	LM 350h AWD
0-62mph (sec)	9.1	8.7

Max. speed (mph)	118	
Max. EV speed	77	
DIMENSIONS	LM 350h FWD	LM 350h AWD
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	LM 350h FWD	LM 350h AWD
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	LM 350h FWD	LM 350h AWD
Kerb weight (kg)	2,295-2,305	2,345-2,355
Gross vehicle weight (kg)	2,830 (7-seat)	2,870 (4-seat) 2,880 (7-seat)
TRANSMISSION	LM 350h FWD	LM 350h AWD
Type	E-CVT	
Differential gear ratio – front	3.638	3.638

Differential gear ratio – rear	-	10.781
FUEL CONSUMPTION (WLTP)	LM 350h FWD	LM 350h AWD
Combined WLTP (mpg)	42.1	39.2
Fuel tank capacity (l)	60	
EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY	LM 350h FWD	LM 350h AWD
CO ₂ emissions – combined (g/km)	152	163
Insurance groups	TBC	
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	LM 350h FWD	LM 350h AWD
Front	MacPherson strut	
Rear	Double wishbone	
BRAKES	LM 350h FWD	LM 350h AWD
Front (diameter x thickness, mm)	Ventilated discs, 328 x 34	
Rear (diameter x thickness, mm)	Ventilated discs, 317 x 18	
Parking brake	Electronic	
STEERING	LM 350h FWD	LM 350h AWD
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	