

## LEXUS LC TECHNICAL SPECIFICATIONS

<b>ENGINE</b>	<b>LC 500</b>	
Engine code	2UR-GSE	
Engine type	5.0-litre V8	
Valve mechanism	32-valve DOHC with Dual VVT-i	
Displacement (cc)	4,969	
Bore x stroke (mm)	94 x 89.5	
Compression ratio	12.3:1	
Max. power (bhp/DIN hp/kW @ rpm)	457/464/341 @ 7,100	
Max. torque (Nm @ rpm)	530 @ 4,800	
<b>ENGINE AND HYBRID SYSTEM</b>	<b>LC 500h</b>	
Engine code	8GR-FXS	
Engine type	3.5-litre V6	
Valve mechanism	24-valve DOHC with VVT-iW (intake) and VVT-i (exhaust)	
Displacement (cc)	3,456	
Bore x stroke (mm)	94 x 83	
Compression ratio	13.0:1	
<b>Total system output (bhp/DIN hp/kW)</b>	<b>354/359/264</b>	
Max. engine power (bhp/DIN hp/kW @ rpm)	295/298/220 @ 6,600	
Max. engine torque (Nm @ rpm)	347 @ 4,900 348 @ 4,900 (Sport Pack/Sport Pack+/Limited Edition)	
<b>Motor generator</b>		
Type	A/C permanent magnet, synchronous motor	
Max. voltage	650	
Max. power (bhp/kW)	177/132	
Max. torque (Nm)	300	
<b>Hybrid battery</b>		
Type	Lithium-ion	
Nominal voltage	310.8	
Number of cells	84	
System voltage	650	
<b>PERFORMANCE</b>	<b>LC 500</b>	<b>LC 500h</b>
0-62mph (sec)	4.7	5.0
Max. speed (mph)	168	155
<b>DIMENSIONS</b>	<b>LC 500</b>	<b>LC 500h</b>
Overall length (mm)	4,770	
Overall width - without mirrors (mm)	1,920	
Overall width - with mirrors (mm)	2,168	
Overall height (mm)	1,345	
Wheelbase (mm)	2,870	
Track front (mm)	1,630	
Track rear (mm)	1,635	
Overhang front (mm)	930	
Overhang rear (mm)	970	
Coefficient of Drag (Cd)	0.33	
Fuel tank capacity (litres)	82	
<b>INTERIOR DIMENSIONS</b>		
Interior length (mm)	1,868	
Interior width (mm)	1,550	
Interior height (mm)	1,080	
Luggage capacity (litres)	197	172
<b>WEIGHTS (kg)</b>	<b>LC 500</b>	<b>LC 500h</b>
Kerb weight	1,935 – 1,970	1,985 – 2,020
Gross vehicle weight	2,375	2,445
<b>TRANSMISSION</b>	<b>10AT</b>	<b>Multi Stage Hybrid</b>

Gear ratios	1 <sup>st</sup>	4.923	3.538
	2 <sup>nd</sup>	3.153	1.888
	3 <sup>rd</sup>	2.349	1.000
	4 <sup>th</sup>	1.879	0.650
	5 <sup>th</sup>	1.462	Variable
	6 <sup>th</sup>	1.193	Variable
	7 <sup>th</sup>	1.000	Variable
	8 <sup>th</sup>	0.792	Variable
	9 <sup>th</sup>	0.640	Variable
	10 <sup>th</sup>	0.598	Variable
	Reverse	5.169	Variable
Differential ratio		2.337	3.357
<b>FUEL CONSUMPTION (WLTP)</b>		<b>LC 500</b>	<b>LC 500h</b>
Combined (mpg)		24.3	34.8
Fuel tank capacity (l)		82	82
<b>EMISSIONS (WLTP), INSURANCE, SERVICING &amp; WARRANTY</b>		<b>LC 500</b>	<b>LC 500h</b>
CO <sub>2</sub> emissions - combined (g/km)		262	184
Insurance groups		48E/49E	48E/49E
Service intervals		10,000 miles/annually	
Comprehensive new vehicle warranty		3 years/60,000 miles	
Hybrid warranty		n/a	5 years/60,000 miles (whichever comes first)
Corrosion/perforation warranty		12 years/unlimited mileage	
Surface rust/paintwork		3 years/unlimited mileage	
<b>SUSPENSION</b>			
Front		Multilink	
Rear		Multilink	
<b>BRAKES</b>		<b>LC 500</b>	<b>LC 500h</b>
Front		Ventilated discs with 6-pot callipers	
Rear		Ventilated discs with 4-pot callipers	
Front disc size (diameter x thickness mm)		337.8 x 36	
Rear disc size (diameter x thickness mm)		308.2 x 30	
<b>STEERING</b>			
Type		Rack and pinion, electric power steering	
Ratio		13.0:1	
Turns (lock to lock)		2.6	
Min. turning radius (m)	Tyre	5.4	
	Body	5.91	
<b>WHEELS &amp; TYRES</b>			
Wheel sizes		20-inch cast alloy 21-inch forged alloy	
Tyre sizes		245/45RF20 front/275/40RF20 rear 245/40RF21 front/275/35RF21 rear	

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