

## 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/kW @ rpm)	471/351 @ 7,100	
Max. torque (Nm @ rpm)	540 @ 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/kW)</b>	<b>354/264</b>	
Max. engine power (bhp/kW @ rpm)	295/220 @ 6,600	
Max. engine torque (Nm @ rpm)	348 @ 4,900	
<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)	4.4	4.7
Max. speed (mph)	168	155
<b>DIMENSIONS</b>	<b>LC 500</b>	<b>LC 500h</b>
Overall length (mm)	4,770	
Overall width (mm)	1,920	
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</b>		<b>LC 500</b>	<b>LC 500h</b>
Combined (mpg)	20in wheels	24.6	44.1
	21in wheels	24.4	43.5
Urban (mpg)	20in wheels	16.2	39.2
	21in wheels	16.1	38.7
Extra urban (mpg)	20in wheels	35.3	47.9
	21in wheels	34.4	47.1
<b>EMISSIONS &amp; INSURANCE</b>		<b>LC 500</b>	<b>LC 500h</b>
CO <sub>2</sub> - combined (g/km)	20in wheels	263	145
	21in wheels	267	148
Insurance groups		48E/49E	48E/49E
<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	

ENDS

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