



## Detailed Specifications

2008 Lexus LS 600h L



Base MSRP: \$104,000 <sup>[1]</sup> Delivery, Processing & Handling Fee: \$765 <sup>[2]</sup>

### Engine & Performance

Engine Type	5.0-liter V8
Electric-Drive Motor	High-output, permanent magnet, electric-drive motor with EV mode
Horsepower	438 (Total System) <sup>[3]</sup>
Displacement (L / cu in)	5.0/303
Valves	32
Cam Type	Four-cam
Electronic Timing	Dual Variable Valve Timing with intelligence and electronically controlled intake (VVT-iE)
Compression Ratio	11.8:1
Emissions	Super Ultra-Low Emission Vehicle (SULEV)
Performance	
0 - 60 mph (sec)	5.5 <sup>[3]</sup> <sup>[4]</sup>
Top Track Speed (mph)	130 (electronically limited) <sup>[3]</sup> <sup>[4]</sup>
1/4-Mile Acceleration (sec)	13.8 <sup>[3]</sup> <sup>[4]</sup>
Aerodynamic Drag Coefficient	0.27

### Fuel Economy

City (mpg) - estimated	20 <sup>[5]</sup>
Highway (mpg) - estimated	22 <sup>[5]</sup>
Fuel-Tank Capacity (gal / L)	22.2 / 84.0

### Transmission & Drivetrain

Drive Type	All-wheel drive
Electronic Traction Control	Traction Control (TRAC)
Electronic Stability Control	Vehicle Dynamics Integrated Management (VDIM) <sup>[6]</sup> (includes Traction Control (TRAC) and Vehicle Stability Control (VSC) <sup>[7]</sup> )

Final Drive Ratio	3.916:1	
<u>Differential</u>	TORSEN® Limited-Slip Center <u>Differential</u> (LSCD) [8]	
Electronic Transmission	Electronically controlled Continuously Variable Transmission ( <u>ECVT</u> )	
<b>Body &amp; Chassis</b>		
Body Type	Five-passenger hybrid luxury sedan	
	Four-passenger hybrid luxury sedan [9]	Optional
Doors	Four	
Construction	Welded-steel unibody	
<b>Suspension</b>		
Suspension, Front	Independent, upper and lower multi-link double-joint suspension featuring height-adjustable <u>Adaptive Variable Air Suspension</u> (AVS) with electronically modulated damping	
Suspension, Rear	Independent, multi-link suspension featuring height-adjustable <u>Adaptive Variable Air Suspension</u> (AVS) with electronically modulated damping	
<u>Active Power Stabilizer Suspension System</u>	<u>Active Power Stabilizer Suspension System</u>	Optional
<b>Steering</b>		
Steering	Electronic Power Steering System (EPS) <u>Variable Gear-Ratio Steering</u> (VGRS)	
Steering Turns (Lock-to-Lock)	2.3 - 3.7	
Turning Circle (ft)	39.4	
<b>Brakes</b>		
Brakes	Four-wheel, power-assisted <u>ventilated disc brakes</u> High-friction brake pads [10] (with Active Power Stabilizer Suspension System)	Optional
Anti-lock Braking ( <u>ABS</u> )	Four-sensor, four-channel	
<u>Braking Assist</u>	<u>Brake Assist</u> [11]	
<u>Electronic Brakeforce Distribution</u> (EBD)	<u>Electronic Brakeforce Distribution</u> (EBD), <u>Electronic Controlled Braking</u> (ECB)	
<u>Regenerative Braking</u>	Energy captured during braking that is used to recharge the battery	
Discs, Front (in)	14.1-in ventilated, power-assisted [10]	
Discs, Rear (in)	13.2-in ventilated, power-assisted [10]	
Parking Brake	Electronic parking brake	
<b>Wheels &amp; Tires</b>		
Rim Type	Seven-spoke, 19-in aluminum alloy	
	Nine-spoke, 18-in aluminum alloy (Executive-Class Seating Package II)	Optional
	Seven-spoke, 18-in Teleios aluminum-alloy wheel (Executive-Class Seating Package II)	Optional
Wheel Size (in)	19 x 8.0 [12] [13]	
	18 x 7.5 [12] [13]	Optional
Tire	245/45R19 V-Rated all-season tires [12] [13]	
	245/45R19 Y-Rated summer tires [12] [13] (Active Power Stabilizer Package)	Optional
	235/50R18 V-Rated all-season tires [12] [13]	Optional
<b>Safety &amp; Security</b>		
<b>Airbag</b>		
Driver	Dual-stage front (SRS) [14]	
	Front seat-mounted side (SRS) [14]	
	Side curtain (SRS) [14]	
	Knee airbag (SRS) [14]	
Front Passenger	Dual-stage front <u>twin-chamber</u> (SRS) [14]	
	Front seat-mounted side (SRS) [14]	

	Side curtain (SRS) [14]	
	Knee airbag (SRS) [14]	
Rear Passenger	Rear-seat side curtain (SRS) [14]	
	Rear seat-mounted side (SRS) [14]	Optional
Electronic Traction Control	<u>Traction Control (TRAC)</u>	
Electronic Stability Control	<u>Vehicle Dynamics Integrated Management [6] with cutoff switch (includes Traction Control (TRAC) and Vehicle Stability Control (VSC) [7])</u>	
Brakes	<u>Four-wheel power-assisted ventilated disc brakes</u>	
	<u>High-friction brake pads [10] (with Active Power Stabilizer Suspension System)</u>	Optional
	<u>Electronic Controlled Braking (ECB)</u>	
Anti-lock Braking (ABS)	Four-sensor, four-channel	
Braking Assist	<u>Brake Assist [11]</u>	
Electronic Brakeforce Distribution (EBD)	<u>Electronic Brakeforce Distribution (EBD)</u>	
Pre-Collision System (PCS)	Radar [15]	Optional
Electronic Tire Pressure	<u>Lexus direct Tire Pressure Monitor System [16]</u>	
Frame	Rigid body structure	
Impact Resistance	Side-impact door beams (front-gusseted)	
	Reinforced in pillars and doorsills	
	Impact-dissipating upper interior trim	
Crumple Zones	Front and rear	
Steering Column	Collapsible steering column	
Seatbelts	<u>Three-point seatbelts for all seating positions</u>	
	<u>Pre-tensioners and force limiters for front and rear outboard seats</u>	
	<u>Height-adjustable front shoulder belt anchors</u>	
Locking Seatbelt Control	Automatic Locking Retractor/Emergency Locking Retractor (ALR/ELR) seatbelts for all passenger seating positions. Driver's seat Emergency Locking Retractor (ELR) only for driver's seat	
Child Restraint	Child Restraint Seat (CRS) tether anchor brackets for rear outboard seating positions	
Child Safety Locks	Manual for the rear passenger doors; Window-lock button on driver door control	
Backup Camera	Full-color display [17]	
Anti-Theft Protection	Theft-deterrent and <u>engine immobilizer</u> , with in-key transponder	
Emergency Trunk Release	Emergency interior trunk release	
Valet Lockout	Trunk and glove box	
Headlamps	<u>LED headlamps</u>	
	<u>Dual-swivel Adaptive Front Lighting System (AFS)</u>	
Headlamp Washers	Headlamp washers	
Running Lights	Daytime Running Lights (DRL)	
Taillamps	<u>LED taillamps</u>	
Defroster	Auto-off timer for rear window	
Windshield Wipers	Rain-sensing intermittent wipers with mist cycle	
Mirrors	Power-adjustable, auto-folding outside mirrors with defoggers, puddle lamps and auto tilt-down in reverse	
Glass	Water-repellent windshield and front-door glass with UV reduction	
First Aid Kit	Included	
Tool Kit	Included	
<b>Exterior Specs</b>		
Length (in / mm)	202.8 / 5,150	
Width (in / mm)	73.8 / 1,875	
Height, with unloaded <u>AVS</u> (in / mm)	58.3 / 1,480 (with Adaptive Variable <u>Air Suspension (AVS)</u> )	
<u>Wheelbase</u> (in / mm)	121.7 / 3,090	

Ground Clearance, with <u>AVS</u> (in / mm)	5.3 / 135 (with Adaptive Variable <u>Air Suspension (AVS)</u> )	
Curb Weight (lb / kg)	5,049 / 2,290	

**Exterior Features**

Headlamps	<u>LED headlamps</u> Automatic on/off projector-beam headlamps with auto-off delay <u>Dual-swivel Adaptive Front Lighting System (AFS)</u>	
Headlamp Washers	Headlamp washers	
Running Lights	Daytime Running Lights (DRL)	
Foglamps	Integrated foglamps	
Taillamps	<u>LED taillamps</u>	
Defroster	Auto-off timer for rear window	
Glass	Water-repellent windshield and front-door glass with UV reduction Exterior glass with UV reduction Laminated side glass	

**Interior Specs**

Seating Capacity	Five Four-passenger (Executive-Class Seating Package II) [18]	Optional
Headroom, Front (in / mm)	38.0 / 965	
Headroom, Rear (in / mm)	38.0 / 965	
Shoulder Room, Front (in / mm)	58.5 / 1,487	
Shoulder Room, Rear (in / mm)	56.4 / 1,432 56.7 / 1,440 (Executive-Class Seating Package II)	Optional
Trunk Capacity (cu ft / L)	11.65 / 330	

**Interior Features**

Trim	Medium brown walnut, dark gray bird's-eye maple or dark brown ash burl interior wood trim Semi-aniline leather-trimmed interior	
Instrument Panel	Premium leather	
Center Console	Center console with sliding armrest and storage bin	
Door Trim	Premium leather	
Seat Trim	Premium leather	
Steering Wheel Trim	Wood- and leather-trimmed heated steering wheel	
Shift Knob Trim	Wood and chrome	
Assist Grips	Wood-trimmed	
Headliner	Alcantara® (synthetic material with the look and feel of suede)	
Power Seats	16-way driver's (including dual-function lumbar) and 12-way front passenger's (including lumbar) power seats	
Climate-Comfort Seats, Front	Climate-control seats with heat/cool knob	
Climate-Comfort Seats, Rear	Climate-control seats with heat/cool knob	Optional
Heated Steering Wheel	Heated steering wheel	
Headrests	Height-adjustable headrests for all seats	
Memory Systems	<u>Lexus Memory System</u> to maintain settings for power driver's seat (except lumbar), outside mirrors, driver's shoulder belt anchor height and steering-wheel position <u>Lexus Personalized Settings (LPS)</u> [19] to customize electronic functions	
Electronic Releases	Illuminated interior trunk-lid and fuel-filler door releases	
Floor Mats	Carpeted floor mats	
Vanity Mirrors	Lighted front and rear vanity mirrors	

Sunshade	Rear power sunshade	
	Rear power door sunshades	Optional
Parking Brake	Electronic parking brake	
Storage Pockets	Foldable front-door storage pockets	
<b>Comfort &amp; Convenience</b>		
Cruise Control	Cruise control	
	<u>Dynamic Radar Cruise Control</u> [20]	Optional
Climate Control	<u>Dual-zone automatic climate control and automatic recirculation mode</u>	
	<u>Four-zone automatic front/rear climate control</u>	Optional
	<u>Four-zone automatic front/rear climate control with infrared sensor (Executive-Class Seating Package II)</u>	Optional
Air Filtration	<u>Interior air filter with smog sensor</u>	
	<u>Air Purifier</u>	Optional
Navigation System	<u>Voice-activated HDD Navigation System</u> [21] with backup camera [17], <u>Bluetooth®</u> technology [22], <u>XM® NavTraffic™</u> [23] [24]	
Backup Camera	<u>Full-color display</u> [17]	
Remote Keyless Entry	<u>SmartAccess</u> [25]	
Remote Keyless Ignition	<u>SmartAccess</u> [25] with <u>push-button Start/Stop</u>	
Remote Windows	<u>Remote-linked windows and moonroof opening</u>	
Moonroof	<u>Power tilt-and-slide remote-linked moonroof with one-touch open/close and sliding sunshade</u>	
	<u>Retained accessory power</u> for moonroof and windows	
<u>HomeLink®</u> Transceiver	<u>Operates compatible garage, gate, home lighting and home security systems</u>	
<u>Lexus Link®</u> [26] [27]	<u>Dedicated cellular phone, Global Positioning Satellite (GPS) technology and 24-hour live support provide assistance at the touch of a button. Services include Remote Door Lock/Unlock, Emergency Services Notification, Stolen Vehicle Location Assistance, Driving Directions and Personal Calling.</u>	Optional
Anti-Theft Protection	<u>Theft-deterrent and engine immobilizer</u> , with in-key transponder	
<u>Power Windows</u>	<u>Power windows with one-touch auto open/close</u>	
Power Door Locks	<u>Auto lock/unlock, anti-lockout feature and driver's two-turn unlock feature</u>	
Power Door Closures	<u>Power door closers</u>	
Power Trunk Closure	<u>Power trunk closer</u>	
Power Mirrors	<u>Electrochromic auto-dimming inside rearview mirror and outside mirrors</u>	
Power Seat, Driver	<u>16-way control (including dual-function lumbar)</u>	
Power Seat, Passenger	<u>12-way control (including lumbar)</u>	
Feature Memory System	<u>Lexus Memory System to maintain settings for power driver's seat (except lumbar), outside mirrors, driver's shoulder belt anchor height and steering-wheel position</u>	
Climate-Comfort Seats, Front	<u>Climate-control seats with heat/cool knob</u>	
Climate-Comfort Seats, Rear	<u>Climate-control seats with heat/cool knob</u>	Optional
Seat Massage, Right-Rear	<u>Multifunction massage</u>	Optional
Heated Steering Wheel	<u>Heated steering wheel</u>	
Adjustable Steering Wheel	<u>Power tilt-and-telescopic steering column with automatic tilt-away</u>	
Electronic Park Assist	<u>Intuitive Parking Assist</u>	
Parking Guidance	<u>Advanced Parking Guidance System</u> [28]	Optional
Steering Wheel Controls	<u>Audio and display controls, brake hold and display controls</u>	
<u>Retained Accessory Power</u>	<u>Retained accessory power</u> for windows, moonroof and audio system	
Instrumentation	<u>Electroluminescent instrumentation</u>	
Illuminated Entry	<u>Illuminated entry system</u>	
Outside Temperature Gauge	<u>External temperature on multi-information display</u>	
Fuel Consumption Gauge	<u>Fuel consumption on multi-information display</u>	
Cupholders	<u>Dual cupholders, front and rear</u>	
Cool Box	<u>Rear-seat cool box</u>	Optional

Table	Concealed rear-seat wood-trimmed table	Optional
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**Audio & Entertainment**

Audio System	Mark Levinson® Reference Surround Sound Audio System [29], Hard Disc Drive (HDD) stores up to 2,000 songs, 7.1 architecture and in-dash, single-feed, six-disc DVD/CD auto-changer featuring DVD-audio and DVD-video playback	
Speakers	19	
Watts	450 watts @ less than 0.1% THD; 20-20,000 Hz [30]	
Auxiliary Port	Auxiliary iPod® [31]/MP3/Windows Media® Audio (WMA) port	
Satellite Radio	XM® Satellite Radio [32] and Real-Time Traffic capability [23] [24]	
Rear Audio	Rear-seat audio controls	Optional
Antenna	In-glass antenna with FM-diversity system Shark-fin antenna	
Entertainment System	Rear-Seat Entertainment System (RSES) with nine-inch power LCD screen (Executive-Class Seating Package II includes rear-seat DVD player)	Optional
Wireless Headphones	Included with Rear-Seat Entertainment System (RSES) [33]	Optional

**Limited Warranty (see your Lexus dealer for details)**

Basic (months)	48	
Basic (miles)	50,000	
Powertrain (months)	72	
Powertrain (miles)	70,000	
Rust (months)	72	
Rust (miles)	Unlimited	
Roadside Assistance (months)	48 [34]	

Vehicle(s) shown may feature optional equipment.

MSRP does not include delivery, processing and handling fee of \$765. Excludes taxes, title, license and optional equipment. Dealer price may vary.

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Specifications, features, equipment, technical data, performance figures, options, and color and trim are based upon information available at time of posting, are subject to change without notice, are for mainland U.S.A. vehicles and may differ in the state of Hawaii, Puerto Rico, the U.S. Virgin Islands and in other regions.

Some vehicles shown with optional equipment. Optional equipment listed may not be available separately or in all regions. Please see your Lexus dealer for details. Lexus reminds you to wear seatbelts, secure children in rear seat, obey all traffic laws and drive responsibly.

For more information, call 800-USA-LEXUS (872-5398). To learn more about your financing options, contact your Lexus dealer or call Lexus Financial Services at 800-874-7050.

[1] MSRP does not include delivery, processing and handling fee of \$765. Excludes taxes, title, license and optional equipment. Dealer price may vary.

[2] "Delivery, processing and handling fee" is based on the value of the processing, handling and delivery services Lexus provides, as well as Lexus' overall pricing structure. Lexus may make a profit on the delivery, processing and handling fee.

[3] Ratings achieved using the required premium unleaded gasoline with an octane rating of 91 or higher. If premium fuel is not used, performance will decrease.

[4] Performance figures are for comparison only and were obtained with prototype vehicles by professional drivers using special safety equipment and procedures. Do not attempt.

[5] EPA-estimated ratings. Actual mileage will vary. For more information on MPG and EPA ratings please visit the [FAQ page](#).

[6] Vehicle Dynamics Integrated Management (VDIM) is an electronic system designed to help the driver maintain vehicle control under adverse conditions. It is not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether VDIM will be effective in preventing a loss of control. Please see your *Owner's Manual* for further details.

[7] Vehicle Stability Control (VSC) is an electronic system designed to help the driver maintain vehicle control under adverse conditions. It is not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether VSC will be effective in preventing a loss of control. Please see your *Owner's Manual* for further details.

[8] TORSEN® is a registered trademark of Zexel Torsen, Inc.

[9]

- [10] High-friction brakes are standard equipment for the front brakes only and require periodic inspection and measurement as outlined in the *Warranty and Services Guide*. The pads and rotors are expected to experience greater wear than conventional brakes. Pad life may be less than 20,000 miles, and brake rotor life may be less than 50,000 miles depending on driving conditions.
- [11] Brake Assist is designed to help the driver take full advantage of the benefits of ABS. It is not a substitute for safe driving practices. Braking effectiveness also depends on proper brake-system maintenance and tire and road conditions.
- [12] 18-in or 19-in tires are expected to experience greater tire wear than conventional tires. Tire life may be substantially less than 15,000 miles, depending on driving conditions. Please see your Lexus dealer for details and other information relating to tire selection.
- [13] Do not change the OEM wheel size (18-in for Executive-Class Seating Package II, 19-in for all others.) Using other than the OEM wheel size could cause damage to the vehicle. If you replace the wheels, be sure they are the same size as the original wheels.
- [14] All the airbag ("AB") systems are Supplemental Restraint Systems. All ABs (if installed) are designed to inflate only under certain conditions and in certain types of severe collisions: frontal and knee ABs typically inflate in frontal collisions; side and side curtain ABs in side collisions; Roll-Sensing Curtain ABs at a severe tilt degree, roll or lateral G-force. In all other accidents, the ABs will not inflate. To decrease the risk of injury from an inflating AB, always wear seatbelts, sit upright in the middle of the seat as far back as possible and do not lean against the door. Do not put objects in front of an AB or around the seatback. Do not use a rearward-facing child seat in any front passenger seat. The force of an inflating AB may cause serious injury or death. Please see your *Owner's Manual* for further information/warnings.
- [15] The Pre-Collision System is designed to help reduce the crash speed and damage in certain frontal collisions only. It is not a collision-avoidance system and is not a substitute for safe and attentive driving. System effectiveness depends on many factors, such as speed, driver input and road conditions. Please see your *Owner's Manual* for further information.
- [16] The Lexus Tire Pressure Monitor System alerts the driver when tire pressure is critically low. For optimal tire wear and performance, tire pressure should be checked regularly with a gauge; do not rely solely on the monitor system. Please see your *Owner's Manual* for details.
- [17] The backup camera does not provide a comprehensive view of the rear area of the vehicle. You should also look around outside your vehicle and use your mirrors to confirm rearward clearance. Cold weather will limit effectiveness and view may become cloudy.
- [18] Legrest may not fully recline based on height of rear-seat passenger.
- [19] The Lexus Personalized Settings (LPS) Program is a one-time, complimentary offer for the first 12 months from the date the vehicle is sold. Please see your Lexus dealer for more information.
- [20] Dynamic Radar Cruise Control is designed to assist the driver and is not a substitute for safe and attentive driving practices. Please see your *Owner's Manual* for important cautions and instructions.
- [21] The voice-activated HDD Navigation System is designed to assist in locating an address or point of interest. XM NavTraffic® requires a monthly service fee and is designed to provide real-time traffic or alternative routes of travel. Discrepancies may be encountered between the system and your actual location. Road system changes may affect the accuracy of the information provided. Rely on your common sense to decide whether to follow a specified route. Detailed coverage not available in every city or roadway. Periodic Navigation updates available at an additional cost. Please see your *Navigation System Owner's Manual* for further details.
- [22] The Bluetooth® technology phones listed on [lexus.com](http://lexus.com) have been tested for compatibility with Lexus vehicles. Performance will vary based on phone software version, coverage and your wireless carrier. Phones are warranted by their manufacturer, not Lexus.
- [23] XM® Satellite Radio and XM NavTraffic® subscriptions sold separately. XM NavTraffic only available in select markets. Visit [www.xmradio.com](http://www.xmradio.com) for details.
- [24] XM NavTraffic® includes a 90-day trial subscription.
- [25] The SmartAccess system may interfere with some pacemakers or cardiac defibrillators. If you have one of these medical devices, please talk to your doctor to see if you should deactivate this system.
- [26] Lexus Link® is a factory-installed option and is available for LS 600h L and LX 570 (2008 model year and later), LS 460, GS 430/350, GS 450h (2007 model year and later) and LX 470 and GX 470 (2006 model year and later).
- [27] An active Lexus Link® subscription (including a signed Lexus Link Service Subscription Agreement) is required in order to receive Lexus Link services. Lexus Link services require vehicle electrical system and wireless service to be available and operating for features to function properly. Lexus Link uses existing emergency service providers as well as wireless and satellite technologies. A one-year subscription to the Safety Plan is included with the purchase of a new vehicle. Other plans are available at an additional cost.
- [28] The Advanced Parking Guidance System requires driver brake control. Always look around outside the vehicle and use mirrors to confirm clearance.
- [29] Mark Levinson is a registered trademark of Harman International Industries, Inc.
- [30] Continuous average power, all channels driven, at less than 0.1% THD; 20–20,000 Hz.
- [31] iPod is a registered trademark of Apple Inc.
- [32] Functioning XM® Satellite Radio requires a compatible receiver and monthly service fee. Please see your Lexus dealer for further details. Reception of the satellite signal may vary depending on location. All fees and programming subject to change. Subscriptions subject to the terms and conditions available at [www.xmradio.com](http://www.xmradio.com). Available only in the 48 contiguous United States.
- [33] Headphones are for passenger use only. Do not use while operating vehicle.
- [34] Coverage only available in the continental U.S. and Canada. Please see your Lexus dealer for details.