

Vehicle Detail Report

Lexus LS 2021 500h Premium Edition

Basic Information

Brand	Lexus
Mileage	54,000 km
Color	Silver-gray
First Registration	2022-09-01
Transfer Count	0

Vehicle Images





Vehicle Condition

1. Original metal body panels with factory paint.

Configuration Information

Model Information

Model Name	Lexus LS 2021 500h Premium Edition
Launch Date	2020.11

Basic parameters

Vehicle Class	Large vehicle
Energy Type	Hybrid Electric Vehicle (HEV)
Maximum Power (kW)	220
Maximum Torque (N·m)	350
Transmission	E-CVT Automatic gearbox (Simulate 10th gear)
Body Type	Sedan
Engine	3.5L 299 horsepower V6
Dimensions (L×W×H) (mm)	5235*1900*1450
Official 0-100 km/h Acceleration (s)	5.4
Top Speed (km/h)	250
Curb Weight (kg)	2215
Maximum Gross Weight (kg)	2725
Electric Motor (PS)	178
WLTP Combined Fuel Consumption (L/100km)	7.15

engine

Engine Model	8GR-FXS
Displacement (mL)	3456
Displacement (L)	3.5
Induction Type	Natural aspiration

engine (continued)

Cylinder Arrangement	V
Number of Cylinders	6
Valves per Cylinder	4
Compression Ratio	13
Valve Train	DOHC
Bore (mm)	94
Stroke (mm)	83
Maximum Power (PS)	299
Max Power Speed (rpm)	6600
Max Torque Speed (rpm)	5100
Maximum net power (kW)	220
Fuel Grade	95.
Fuel Delivery System	Mixed injection
Cylinder Head Material	Aluminum alloy
Cylinder Block Material	Aluminum alloy
Engine layout	Longitudinal
Engine-specific technologies	VVT-i and VVT-iW

Electric Motor

Motor Type	-
Total Electric Motor Power (kW)	131
Total Electric Motor Torque (N·m)	300
Front Electric Motor Max Power (kW)	131
Front Electric Motor Max Torque (N·m)	300
System total power (kW)	264
Number of drive motors	Single motor
Motor Layout	Front-end
Battery Type	-
Total Electric Motor Power (PS)	178
System Combined Horsepower (Ps)	359

Screen/System

Screen/System (continued)

Central control color screen	<ul style="list-style-type: none">• Touch LCD screen
Infotainment Screen Size	<ul style="list-style-type: none">• 12.3 inches
Bluetooth/In-car Phone	<ul style="list-style-type: none">•
Smartphone Integration/Mirroring	<ul style="list-style-type: none">• Baidu CarLife support
Voice recognition control system	<ul style="list-style-type: none">• Multimedia system;• Navigation;• Telephone;• Air conditioning;• Sunroof
In-car CD/DVD Player	<ul style="list-style-type: none">• Single DVD

Body

Length (mm)	5235
Width (mm)	1900
Height (mm)	1450
Wheelbase (mm)	3125
Front Track (mm)	1631
Rear Track (mm)	1637
Door Opening Type	swing door
Number of Doors	4
Number of Seats	5
Fuel Tank Capacity (L)	82
Trunk volume (L)	430
Drag Coefficient (Cd)	-
Minimum Turning Radius (m)	5.7

Gearbox

Abbreviation	E-CVT Automatic gearbox (Simulate 10th gear)
Number of Gears	10
Transmission Type	E-CVT + Automatic Transmission

Chassis steering

Drive Type	Front-engine, Rear-wheel drive (FR)
Front Suspension Type	Multi-link independent suspension
Rear Suspension Type	Multi-link independent suspension
Power Steering Type	Electric power assistance
Vehicle structure	bearing type

Seat Configuration

Seat Configuration (continued)

Seat Material	• Leather
Main seat adjustment	• Front and rear adjustment; • Backrest adjustment; • Height adjustment (4-way); • Leg rest adjustment; • Lumbar support (4-way)
Co-seat adjustment method	• Front and rear adjustment; • Backrest adjustment; • Height adjustment (4-way); • Lumbar support (4-way)
Electric adjustment of driver's seat and passenger seat	Main •/Deputy •
Front seat functions	• Heating; • Ventilation
Electric seat memory function	• driving position; • co-pilot position
Front passenger seat rear adjustable buttons	•
Front/rear center armrest	Front •/Rear •
Rear cup holder	•
Second row seat functions	• Heating

Active safety

Anti-lock Braking System (ABS)	•
Electronic Brakeforce Distribution (EBD/CBC)	•
Brake Assist System (EBA/BAS/BA)	•
Traction Control System (ASR/TCS/TRC)	•
Electronic Stability Control (ESC/ESP/DSC)	•
Tire Pressure Monitoring System (TPMS)	• Tire pressure display
Seat Belt Reminder	• Front row
ISOFIX Child Seat Anchors	•
Lane Departure Warning System (LDWS)	•
Autonomous Emergency Braking (AEB)	•
Driver Fatigue Detection	-

Active safety (continued)

Forward Collision Warning (FCW)	•
Low Speed Alert	•
Emergency Call System (eCall)	•

Air conditioning/refrigerator

Air conditioning temperature control method	• Automatic air conditioning
Rear Independent Climate Control	-
Rear seat air vents	•
Temperature zone control	•
Car air purifier	•
In-cabin PM2.5 Filter	•
Negative ion generator	•

Passive safety

Driver/passenger airbag	Main •/Deputy •
Front/rear side airbags	Front •/Rear •
Front/rear head airbags (curtain airbags)	Front •/Rear •
Run-flat tires	•
Knee airbag	• Driver's knee airbag
Passive pedestrian protection	•

Wheel brake

Front Brake Type	Ventilation disc
Rear Brake Type	Ventilation disc
Parking brake type	Electronic Parking
Front Tire Size	245/50 R19
Rear Tire Size	245/50 R19
Spare Tire Size	None

Audio/Interior Lighting

Number of speakers	• 12 speakers
Interior ambient lighting	• Monochrome
Touch reading light	•

Driving functions

Driving functions (continued)

Navigation traffic information display	<ul style="list-style-type: none">•
Lane assist	<ul style="list-style-type: none">•
Lane Keeping Assist System	<ul style="list-style-type: none">•
Cruise control system	<ul style="list-style-type: none">• Full speed adaptive cruise
Satellite navigation system	<ul style="list-style-type: none">•
Driving assistance level	<ul style="list-style-type: none">• L2
Rear Cross Traffic Alert	<ul style="list-style-type: none">•
Lane centering	<ul style="list-style-type: none">•
Parking Assist	<ul style="list-style-type: none">-

Exterior lighting

Low beam light source	<ul style="list-style-type: none">• LED
High beam light source	<ul style="list-style-type: none">• LED
LED daytime running lights	<ul style="list-style-type: none">•
Adaptive high and low beam	<ul style="list-style-type: none">•
Automatic headlights	<ul style="list-style-type: none">•
Height-adjustable headlights	<ul style="list-style-type: none">•
Headlight Delay Off	<ul style="list-style-type: none">•
Lighting features	<ul style="list-style-type: none">• Matrix
Headlight cleaning device	<ul style="list-style-type: none">•

Exterior mirrors

Exterior mirror function	<ul style="list-style-type: none">• Electric adjustment;• Electric folding;• Rearview mirror memory;• Rearview mirror heating;• Automatic downturn when reversing;• Automatic folding when locked;• Automatic anti-glare
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Appearance/anti-theft

Rim material	<ul style="list-style-type: none">• Aluminum alloy
Electric trunk	<ul style="list-style-type: none">•
Electronic engine immobilizer	<ul style="list-style-type: none">•
Central locking system in the car	<ul style="list-style-type: none">•

Appearance/anti-theft (continued)

Key Type	• Remote key
Keyless start system	•
Keyless entry function	• Full vehicle
Electric door closing	• Full vehicle

Skylight/Glass

Sunroof Type	• Electric sunroof
Front/rear electric windows	Front •/Rear •
One-touch window lifting function	• Full vehicle
Window anti-pinch function	•
Rear windshield sunshade	•
Car makeup mirror	• Driver's side ambient light; • Passenger-side ambient light; • Rear-row ambient light
Rear wiper	-
Rain sensor wiper function	• Rainfall-sensing
Side window multi-layer soundproof glass	• Full vehicle

Interior and exterior color

Exterior Color	To Black #000000 Gem blue #323E96 supersonic agate red #782814 Supersonic Titanium Silver #9C9B97 Supreme Grey #38393E supersonic iridium silver #A0A4AD Pole Shadow Silver #777777
Interior Color	Black #000000 Black Akiyama chestnut #000000 #A57149

Steering wheel/interior mirror

Steering Wheel Material	• Leather
Steering wheel position adjustment	• Electric up and down front and rear adjustment
Multi-function steering wheel	•
Heated Steering Wheel	•
Steering wheel memory	•
Trip computer display screen	• Color

Steering wheel/interior mirror (continued)

Full LCD instrument panel	-
LCD instrument size	• 12.3 inches
Interior rearview mirror function	• Automatic anti-glare
Gear shifting	• Electronic gear shift
Steering Wheel Shift Paddles	•

Intelligent configuration

Connected Car Services	•
OTA Updates	-
4G/5G Network	•4G
Mobile APP remote function	• Door control; • Vehicle status check/diagnostics; • Vehicle location / find my car

Driving Control

Driving mode switch	• Sport; • Economy; • Standard/Comfort; • Snow
Automatic parking	•
Hill start assist	•
Energy recovery system	•
Variable suspension function	• Suspension damping adjustment; • Suspension height adjustment
Air Suspension	•

Driving Hardware

Front/rear parking radar	Front •/Rear •
Driving Assistance Camera System	• 360-degree panoramic image

In-car charging

Multimedia/charging port	•USB;•AUX
Number of USB/Type-C ports	• 2 in the front row/2 in the back row

"●" = Standard equipment

"□" = Not available

"○" = Optional equipment.

Note: These are Chinese market vehicles. Warranty coverage is not available outside of China.