

Parameter configuration	Lexus ES 22 300h Premium Edition	Lexus ES 22 300h Ultimate Edition	Lexus ES 22 300h Silverlight Limited Edition	Lexus ES 22 300h Premium Edition 1	Lexus ES 22 300h Executive Edition	Lexus ES 22 300h F SPORT
<b>Basic information</b>						
Manufacturers	Lexus	Lexus	Lexus	Lexus	Lexus	Lexus
level	Medium and large vehicles	Medium and large vehicles	Medium and large vehicles	Medium and large vehicles	Medium and large vehicles	Medium and large vehicles
Type of energy	Oil-electric hybrid	Oil-electric hybrid	Oil-electric hybrid	Oil-electric hybrid	Oil-electric hybrid	Oil-electric hybrid
Environmental standards	National Six	National Six	National Six	National Six	National Six	National Six
Time to market		12/09/2022	12/09/2022	12/09/2022	12/09/2022	12/09/2022
motor	2.5L 178 hp L4	2.5L 178 hp L4	2.5L 178 hp L4	2.5L 178 hp L4	2.5L 178 hp L4	2.5L 178 hp L4
Maximum power / maximum torque	131kW/221N·m	131kW/221N·m	131kW/221N·m	131kW/221N·m	131kW/221N·m	131kW/221N·m
Electric Motor[P <sub>e</sub> ]		120	120	120	120	120
Gearbox	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)
Length*width*height[mm]	4975*1866*1447	4975*1866*1447	4975*1866*1447	4975*1866*1447	4975*1866*1447	4980*1866*1447
Body structure	4-door, 5-seater sedan	4-door, 5-seater sedan	4-door, 5-seater sedan	4-door, 5-seater sedan	4-door, 5-seater sedan	4-door, 5-seater sedan
Maximum speed[km/h]		180	180	180	180	180
Official 0-100km/h acceleration[s]	8.9	8.9	8.9	8.9	8.9	8.9
WLTC combined fuel consumption[L/100km]	4.8	4.8	4.8	4.8	4.8	5
Vehicle warranty	6 years or 150,000 km	6 years or 150,000 km	6 years or 150,000 km	6 years or 150,000 km	6 years or 150,000 km	6 years or 150,000 km
<b>Appearance color</b>						
<b>Interior color</b>						
<b>Body</b>						
Length[mm]		4975	4975	4975	4975	4980
Width[mm]		1866	1866	1866	1866	1866
Height[mm]		1447	1447	1447	1447	1447
Wheelbase[mm]		2870	2870	2870	2870	2870
How the door opens	Swing doors	Swing doors	Swing doors	Swing doors	Swing doors	Swing doors
Number of doors	4	4	4	4	4	4
Number of seats	5	5	5	5	5	5
Minimum turning radius[m]	5.8	5.9	5.9	5.9	5.9	5.9
Fuel tank capacity[L]	50	50	50	50	50	50
Official trunk volume[L]		454	454	454	454	454
Curb weight[kg]	1710	1710	1710	1710	1710	1710
Full load mass [kg]	2150	2150	2150	2150	2150	2150
<b>Engine</b>						
Engine model	A25B-FXS	A25B-FXS	A25B-FXS	A25B-FXS	A25B-FXS	A25B-FXS
Displacement[L]		2487	2487	2487	2487	2487
Displacement[L]	2.5	2.5	2.5	2.5	2.5	2.5
Intake form	Inhale naturally	Inhale naturally	Inhale naturally	Inhale naturally	Inhale naturally	Inhale naturally
Engine layout	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Cylinder arrangement	L	L	L	L	L	L
Number of cylinders[pcs]	4	4	4	4	4	4
Number of valves per cylinder [pcs]		4	4	4	4	4
Compression ratio		14	14	14	14	14
Gas distribution mechanism	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC
Maximum power [kW]		131	131	131	131	131
Max horsepower [Ps]		178	178	178	178	178
Maximum power speed [rpm]		5700	5700	5700	5700	5700
Maximum torque[N·m]		221	221	221	221	221
Maximum torque speed [rpm]	3600-5200	3600-5200	3600-5200	3600-5200	3600-5200	3600-5200
Maximum net power [kW]		131	131	131	131	131
Fuel designation	Number 92	Number 92	Number 92	Number 92	Number 92	Number 92
Oil supply method	Hybrid spraying	Hybrid spraying	Hybrid spraying	Hybrid spraying	Hybrid spraying	Hybrid spraying
Cylinder head material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Cylinder material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Environmental standards	National Six	National Six	National Six	National Six	National Six	National Six
<b>Electric motors</b>						
Number of drive motors	Single motor	Single motor	Single motor	Single motor	Single motor	Single motor
Motor layout	Front-facing	Front-facing	Front-facing	Front-facing	Front-facing	Front-facing
Motor type	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization
Total motor power [kW]		88	88	88	88	88
Total horsepower of electric motor [Ps]		120	120	120	120	120
Total torque of electric motor[N·m]		202	202	202	202	202
Maximum power of front motor [kW]		88	88	88	88	88
Maximum torque of front motor[N·m]		202	202	202	202	202

System overall power [kW]	160	160	160	160	160	160
System combined horsepower [P]	218	218	218	218	218	218
Battery/Replenishment						
Battery type	NMH batteries	NMH batteries	NMH batteries	NMH batteries	NMH batteries	NMH batteries
Battery temperature management	-	-	-	-	-	-
Vehicle charging port	-	-	-	-	-	-
Vehicle power exchange	-	-	-	-	-	-
Battery pack warranty	10 years or 250,000 km	10 years or 250,000 km	10 years or 250,000 km	10 years or 250,000 km	10 years or 250,000 km	10 years or 250,000 km
Gearbox						
Gearbox description	E-CVT continuously variable transmission	E-CVT continuously variable transmission	E-CVT continuously variable transmission	E-CVT continuously variable transmission	E-CVT continuously variable transmission	E-CVT continuously variable transmission
Gearbox type	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)	Electronic continuously variable transmission (E-CVT)
Number of gear bits	-	-	-	-	-	-
Chassis steering						
Drive form	Front drive	Front drive	Front drive	Front drive	Front drive	Front drive
Four-wheel drive form	-	-	-	-	-	-
Center differential structure	-	-	-	-	-	-
Front suspension type	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension
Rear suspension type	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension
Assist type	Electric assist	Electric assist	Electric assist	Electric assist	Electric assist	Electric assist
Adjustable suspension function	-	-	-	-	-	• Soft and hard adjustment
Adjustable suspension type	-	-	-	-	-	-
Body structure	Load-bearing type	Load-bearing type	Load-bearing type	Load-bearing type	Load-bearing type	Load-bearing type
Limited-slip differential	-	-	-	-	-	-
Differential lock	-	-	-	-	-	-
Wheel brakes						
Front brake type	• Ventilated disc type	• Ventilated disc type	• Ventilated disc type	• Ventilated disc type	• Ventilated disc type	• Ventilated disc type
Rear brake type	• Solid disc type	• Solid disc type	• Solid disc type	• Solid disc type	• Solid disc type	• Solid disc type
Parking brake type	Electronic parking	Electronic parking	Electronic parking	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	• 215/55 R17	• 235/45 R18	• 235/45 R18	• 235/45 R18	• 235/45 R18	• 235/40 R19
Rear tire specifications	• 215/55 R17	• 235/45 R18	• 235/45 R18	• 235/45 R18	• 235/45 R18	• 235/40 R19
spare wheel	• Not full size	• Not full size	• Not full size	• Not full size	• Not full size	• Not full size
How the spare wheel is placed	• Inside the trunk	• Inside the trunk	• Inside the trunk	• Inside the trunk	• Inside the trunk	• Inside the trunk
Proactive security						
ABS anti-lock braking	•	•	•	•	•	•
Braking force distribution (EBD/CBC, etc.)	•	•	•	•	•	•
Brake assist (BA/EBAS, etc.)	•	•	•	•	•	•
Traction control (ASR/TC/TRC, etc.)	•	•	•	•	•	•
Body stability control (ESP/DSC/VSC, etc.)	•	•	•	•	•	•
Seat belt not fastened reminder	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle
Tire pressure monitoring	• Tire pressure display	• Tire pressure display	• Tire pressure display	• Tire pressure display	• Tire pressure display	• Tire pressure display
Passive safety						
Main driver airbags	•	•	•	•	•	•
Co-pilot airbag	•	•	•	•	•	•
First row of side airbags	•	•	•	•	•	•
Second row side airbags	•	•	•	•	•	•
Side air curtains	•	•	•	•	•	•
Knee airbags	• First row	• First row	• First row	• First row	• First row	• First row
Co-pilot's saddled airbag	-	-	-	-	-	-
Rear seatbelt airbags	-	-	-	-	-	-
Anti-slip airbags in the rear seats	-	-	-	-	-	-
Central airbag	-	-	-	-	-	-
Second row of positive airbags	-	-	-	-	-	-
Child seat interface	•	•	•	•	•	•
Passive pedestrian protection	•	•	•	•	•	•
Run-flat tires	-	-	-	-	-	-
Auxiliary/manipulative configuration						
Front parking radar	•	•	•	•	•	•
Rear parking radar	•	•	•	•	•	•
Reversing side warning system	-	-	-	•	•	-
Open door collision warning	-	-	-	-	-	-

Driver assistance images	• Reversing video	• Reversing video	• Reversing video	• Reversing video	• 360-degree panoramic image	• Reversing video
Chassis perspective	-	-	-	-	-	-
Cruise system	• Full-speed adaptive cruise	• Full-speed adaptive cruise	• Full-speed adaptive cruise	• Full-speed adaptive cruise	• Full-speed adaptive cruise	• Full-speed adaptive cruise
	• Exercise	• Exercise	• Exercise	• Exercise	• Exercise	• Exercise
Driving mode selection	• Economy	• Economy	• Economy	• Economy	• Economy	• Economy
	• Standard / Comfortable	• Standard / Comfortable	• Standard / Comfortable	• Standard / Comfortable	• Standard / Comfortable	• Standard / Comfortable
Fatigue reminder	-	-	-	-	-	-
Automatic parking	-	-	-	-	-	-
Remote parking	-	-	-	-	-	-
Remote summoning	-	-	-	-	-	-
Engine start-stop	-	-	-	-	-	-
Automatic parking	•	•	•	•	•	•
Uphill assist	•	•	•	•	•	•
Steep slopes descend	-	-	-	-	-	-
Night vision system	-	-	-	-	-	-
Variable steering ratio	-	-	-	-	-	-
Integral active steering system	-	-	-	-	-	-
Wading sensing system	-	-	-	-	-	-
Assisted driving functions						
Parallel Assist (BSM/MSD)	-	-	-	•	•	-
Lane Departure Warning (LDWS)	•	•	•	•	•	•
Lane keeping (LKAS)	•	•	•	•	•	•
The lane is kept centered	•	•	•	•	•	•
Road traffic sign recognition	-	-	-	-	-	-
Forward collision warning	•	•	•	•	•	•
Rear collision warning	-	-	-	-	-	-
Active braking	•	•	•	•	•	•
Automatic lane change assist	-	-	-	-	-	-
The ramp is automatically exiting/entering	-	-	-	-	-	-
Reversing the truck	-	-	-	-	-	-
Assisted driving hardware						
Level of driving assistance	• L2	• L2	• L2	• L2	• L2	• L2
Ultrasonic radar	• First 4 / Rear 4	• First 4 / Rear 4	• First 4 / Rear 4	• First 4 / Rear 4	• First 4 / Rear 4	• First 4 / Rear 4
Look around at the camera	-	-	-	-	• 4 pcs	-
In-car camera	-	-	-	-	-	-
External configuration						
Sunroof type	• Single sunroof	• Single sunroof	• Single sunroof	• Single sunroof	• Single sunroof	• Single sunroof
Sporty look kit	-	-	-	-	-	•
Electric spoiler	-	-	-	-	-	-
Rim material	• Aluminum alloy	• Aluminum alloy	• Aluminum alloy	• Aluminum alloy	• Aluminum alloy	• Aluminum alloy
Electric cushion door	-	-	-	-	-	-
Automatic opening and closing of doors	-	-	-	-	-	-
Frameless doors	-	-	-	-	-	-
Side sliding doors	-	-	-	-	-	-
Roof racks	-	-	-	-	-	-
Key type	• Key fob key	• Key fob key	• Key fob key	• Key fob key	• Key fob key	• Key fob key
Keyless start	•	•	•	•	•	•
Keyless entry	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle
Hide electric door handles	-	-	-	-	-	-
Actively closed grille	-	-	-	-	-	-
Power tailgate	-	-	-	-	•	-
Tailgate position memory	-	-	-	-	-	-
Induction tailgate	-	-	-	-	•	-
The tailgate glass opens independently	-	-	-	-	-	-
Side footrest	-	-	-	-	-	-
Low-speed driving warning sound	-	-	-	-	-	-
Sentinel (drowsiness) mode	-	-	-	-	-	-
Interior configuration						
Steering wheel material	• Leather	• Leather	• Leather	• Leather	• Leather	• Leather
Steering wheel adjustment	• Electric up and down + front and rear adjustment	• Electric up and down + front and rear adjustment	• Electric up and down + front and rear adjustment	• Electric up and down + front and rear adjustment	• Electric up and down + front and rear adjustment	• Electric up and down + front and rear adjustment
				• Steering wheel memory	• Steering wheel memory	
Shift form	Mechanical gear lever shifting	Mechanical gear lever shifting	Mechanical gear lever shifting	Mechanical gear lever shifting	Mechanical gear lever shifting	Mechanical gear lever shifting
Multifunction steering wheel	•	•	•	•	•	•
Steering wheel shifting	•	•	•	•	•	•
The steering wheel is heated	-	-	-	-	•	-
Trip computer display	• Color	• Color	• Color	• Color	• Color	• Color
Full LCD instrument cluster	-	-	-	-	-	•



Remote control function	<ul style="list-style-type: none"> <li>Vehicle condition inquiry/diagnosis</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle condition inquiry/diagnosis</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle condition inquiry/diagnosis</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle condition inquiry/diagnosis</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle condition inquiry/diagnosis</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle condition inquiry/diagnosis</li> </ul>
	<ul style="list-style-type: none"> <li>Vehicle positioning/vehicle finding</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle positioning/vehicle finding</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle positioning/vehicle finding</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle positioning/vehicle finding</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle positioning/vehicle finding</li> </ul>	<ul style="list-style-type: none"> <li>Vehicle positioning/vehicle finding</li> </ul>
Audio-visual entertainment						
In-vehicle APP application market	-	-	-	-	-	-
Car CD/DVD	-	-	-	-	-	-
Multimedia/charging interface	<ul style="list-style-type: none"> <li>USB</li> <li>Type-C</li> </ul>	<ul style="list-style-type: none"> <li>USB</li> <li>Type-C</li> </ul>	<ul style="list-style-type: none"> <li>USB</li> <li>Type-C</li> </ul>	<ul style="list-style-type: none"> <li>USB</li> <li>Type-C</li> </ul>	<ul style="list-style-type: none"> <li>USB</li> <li>Type-C</li> </ul>	<ul style="list-style-type: none"> <li>USB</li> <li>Type-C</li> </ul>
Number of USB/Type-C interfaces	4 in the front / 2 in the rear	4 in the front / 2 in the rear	4 in the front / 2 in the rear	4 in the front / 2 in the rear	4 in the front / 2 in the rear	4 in the front / 2 in the rear
Rear control multimedia	-	-	-	-	•	-
Cockpit 220V/230V power supply	-	-	-	-	-	-
Power connector for luggage compartment	-	-	-	-	-	-
Audio brand	◦ Mark Levinson 18000®	◦ Mark Levinson 18000®	• Mark Levinson	◦ Mark Levinson 18000®	• Mark Levinson	◦ Mark Levinson 18000®
Number of speakers	• 10	• 10	• 17	• 10	• 17	• 10
Sound audition	• 10	• 10	• 17	• 10	• 17	• 10
Light function						
Low beam light source	• LED	• LED	• LED	• LED	• LED	• LED
High beam light source	• LED	• LED	• LED	• LED	• LED	• LED
Lighting features	-	• Matrix	• Matrix	• Matrix	• Matrix	• Matrix
LED daytime running lights	•	•	•	•	•	•
	• Height adjustment	• Height adjustment	• Height adjustment	• Height adjustment	• Height adjustment	• Height adjustment
Headlight function	<ul style="list-style-type: none"> <li>Automatic opening and closing</li> </ul>	<ul style="list-style-type: none"> <li>Automatic opening and closing</li> </ul>	<ul style="list-style-type: none"> <li>Automatic opening and closing</li> </ul>	<ul style="list-style-type: none"> <li>Automatic opening and closing</li> </ul>	<ul style="list-style-type: none"> <li>Automatic opening and closing</li> </ul>	<ul style="list-style-type: none"> <li>Automatic opening and closing</li> </ul>
	<ul style="list-style-type: none"> <li>Adaptive near and far light</li> </ul>	<ul style="list-style-type: none"> <li>Adaptive near and far light</li> </ul>	<ul style="list-style-type: none"> <li>Adaptive near and far light</li> </ul>	<ul style="list-style-type: none"> <li>Adaptive near and far light</li> </ul>	<ul style="list-style-type: none"> <li>Adaptive near and far light</li> </ul>	<ul style="list-style-type: none"> <li>Adaptive near and far light</li> </ul>
Turn assist lights	-	-	-	-	-	-
Front fog lights	-	-	-	-	-	-
Headlight cleaning device	-	•	•	•	•	•
Interior mood lights	-	-	-	-	• Monochrome	-
Glass/mirrors						
First row of power windows	•	•	•	•	•	•
Second row of power windows	•	•	•	•	•	•
The window is raised and lowered at the touch of a button	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle
Window anti-pinch function	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle	• Full vehicle
Multi-layer acoustic glass	<ul style="list-style-type: none"> <li>First row</li> <li>Electric adjustment</li> <li>Heated mirrors</li> <li>Electric folding</li> <li>Automatic anti-glare</li> </ul>	<ul style="list-style-type: none"> <li>First row</li> <li>Electric adjustment</li> <li>Heated mirrors</li> <li>Electric folding</li> <li>Automatic anti-glare</li> </ul>	<ul style="list-style-type: none"> <li>First row</li> <li>Electric adjustment</li> <li>Heated mirrors</li> <li>Electric folding</li> <li>Automatic anti-glare</li> </ul>	<ul style="list-style-type: none"> <li>First row</li> <li>Electric adjustment</li> <li>Heated mirrors</li> <li>Electric folding</li> <li>Rearview mirror memory</li> </ul>	<ul style="list-style-type: none"> <li>Full vehicle</li> <li>Electric adjustment</li> <li>Heated mirrors</li> <li>Electric folding</li> <li>Rearview mirror memory</li> </ul>	<ul style="list-style-type: none"> <li>First row</li> <li>Electric adjustment</li> <li>Heated mirrors</li> <li>Electric folding</li> <li>Automatic anti-glare</li> </ul>
Exterior mirror function				<ul style="list-style-type: none"> <li>Automatic roll-down when reversing</li> <li>Automatic folding of the lock car</li> <li>Automatic anti-glare</li> </ul>	<ul style="list-style-type: none"> <li>Automatic roll-down when reversing</li> <li>Automatic folding of the lock car</li> <li>Automatic anti-glare</li> </ul>	
Interior mirror function	<ul style="list-style-type: none"> <li>Automatic anti-glare</li> </ul>	<ul style="list-style-type: none"> <li>Automatic anti-glare</li> </ul>	<ul style="list-style-type: none"> <li>Automatic anti-glare</li> </ul>	<ul style="list-style-type: none"> <li>Automatic anti-glare</li> </ul>	<ul style="list-style-type: none"> <li>Automatic anti-glare</li> </ul>	<ul style="list-style-type: none"> <li>Automatic anti-glare</li> </ul>
Rear side privacy glass	-	-	-	-	-	-
Rear side sunshades	-	-	-	-	• Manual	-
Rear windshield sunshade	-	-	-	•	•	-
In-car vanity mirror	<ul style="list-style-type: none"> <li>Main driver + lighting</li> <li>Co-pilot + lighting</li> </ul>	<ul style="list-style-type: none"> <li>Main driver + lighting</li> <li>Co-pilot + lighting</li> </ul>	<ul style="list-style-type: none"> <li>Main driver + lighting</li> <li>Co-pilot + lighting</li> </ul>	<ul style="list-style-type: none"> <li>Main driver + lighting</li> <li>Co-pilot + lighting</li> </ul>	<ul style="list-style-type: none"> <li>Main driver + lighting</li> <li>Co-pilot + lighting</li> </ul>	<ul style="list-style-type: none"> <li>Main driver + lighting</li> <li>Co-pilot + lighting</li> </ul>
Sensor wiper function	-	-	-	• Rain-sensing type	• Rain-sensing type	-
Rear wipers	-	-	-	-	-	-
Heatable spout	-	-	-	-	-	-
Air conditioning/cooling						
First row air conditioning	• Automatic air conditioning in dual-temperature zone	• Automatic air conditioning in dual-temperature zone	• Automatic air conditioning in dual-temperature zone	• Automatic air conditioning in dual-temperature zone	• Automatic air conditioning in dual-temperature zone	• Automatic air conditioning in dual-temperature zone
Second row air conditioning	• Air outlet	• Air outlet	• Air outlet	• Air outlet	• Automatic air conditioning in single temperature zone	• Air outlet
Third row air conditioning	-	-	-	-	-	-
Air quality monitoring	•	•	•	•	•	•
PM2.5 filter device in the car	•	•	•	•	•	•
Car air purifier	•	•	•	•	•	•

Negative ion generator

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Fragrance system

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Car refrigerator

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