

ES TECHNICAL SPECIFICATIONS

HYBRID SYSTEM		
Type	Lexus Hybrid Drive, series/parallel, full hybrid	
Full system power (bhp/DIN hp/kW)	215/218/160	
ENGINE		
Type	4 cylinders, in-line, Atkinson cycle	
Valve mechanism	4 valves per cylinder, DOHC with VVT-iW (intake) and VVT-i (exhaust)	
Bore x stroke (mm)	87.5 x 103.4	
Displacement (cc)	2,487	
Compression ratio	14.0:1	
Fuel system	Intake port (multi-point)	
Fuel type	95 octane petrol, or higher	
Max. engine power (bhp/DIN hp/kW @ rpm)	176/178/131 @ 5,700	
Max. engine torque (Nm @ rpm)	221 @ 3,600 – 5,200	
ELECTRIC MOTOR/GENERATOR		
Type	AC synchronous, permanent magnet	
Max. power (bhp/kW)	120/88	
Max. torque (Nm)	202	
Max. voltage (V)	650	
HYBRID BATTERY		
Type	Nickel-metal hydride (NiMH)	
Nominal voltage (DC V)	244.8	
Number of cells	204	
TRANSMISSION		
Type	E-CVT	
Motor reduction ratio	3.389	
Differential gear ratio	3.389	
Driven wheels	Front	
PERFORMANCE		
0-62mph (sec)	8.9	
Maximum speed (mph)	112	
FUEL CONSUMPTION (WLTP)		
Combined (mpg)	52.3 to 53.2	
Fuel tank capacity (l)	50	
EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY		
CO ₂ emissions – combined (g/km)	ES Premium Edition	120
	ES Premium Pack	121
	F Sport	122
	F Sport Takumi Pack	123
	Takumi	121
Insurance groups	31E – 36E	
Service intervals	10,000 miles/annually	
Comprehensive new vehicle warranty	3 years/60,000 miles	
Hybrid warranty	5 years/60,000 miles (whichever comes first)	

Corrosion/perforation warranty		12 years/unlimited mileage
Surface rust/paintwork		3 years/unlimited mileage
SUSPENSION		
Front		MacPherson strut
Rear		Trailing wishbone
BRAKES		
Brake type	Front	Ventilated discs
	Rear	Solid discs
Brake size	Front (diameter x thickness, mm)	305 x 28
	Rear (diameter x thickness, mm)	281 x 12
Parking brake		Electronic
STEERING		
Steering gear type		Rack and pinion
Turns lock-to-lock		2.7
Minimum turning radius	Tyre (m)	5.8 (17in wheels) 5.9 (18in, 19in wheels)
	Body (m)	6.2 (17in wheels) 6.3 (18in, 19in wheels)
Power steering type		Electric power steering (EPS)
EXTERIOR DIMENSIONS		
Length (mm)		4,975
Width (mm)		1,865
Height (mm)		1,445
Wheelbase (mm)		2,870
Track	Front (mm)	1,600
	Rear (mm)	1,610
Overhang	Front (mm)	1,005
	Rear (mm)	1,100
Ground clearance (mm)		150
Drag coefficient (Cd)		0.26
INTERIOR DIMENSIONS		
Length (mm)		2,053
Width (mm)		1,533
Height (mm)		1,145
Couple distance (mm)		1,022
Boot capacity – VDA (l)		454
WHEELS AND TYRES		
Wheels		18 or 19in alloy
Tyres		235/45R18 235/40R19
Spare		Tyre repair kit
WEIGHTS		
Kerb weight (kg)		1,680 – 1,740
Gross vehicle weight (kg)		2,150

These specifications are provided as a guide for media. Lexus customers requiring specifications for specific vehicles should check details at lexus.co.uk or with their local Lexus centre.