

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)	50.4 to 53.2	
Fuel tank capacity (l)	50	
EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY		
CO ₂ emissions – combined (g/km)	ES	119
	ES Premium Pack	125
	F Sport	127
	F Sport Takumi Pack	128
	Takumi	125
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)	1,525
	Rear (mm)	1,520
Overhang	Front (mm)	1,005
	Rear (mm)	1,100
Ground clearance (mm)		150
Drag coefficient (Cd)		0.26
INTERIOR DIMENSIONS		
Length (mm)		2,168
Width (mm)		1,533
Height (mm)		1,145
Couple distance (mm)		1,022
Headroom	Front (mm)	953
	Rear (mm)	949.5
Legroom	Front (mm)	1,077.5
	Rear (mm)	998.6
Shoulder room	Front (mm)	1,421
	Rear (mm)	1,372.4
Hip room	Front (mm)	1,395.8
	Rear (mm)	1,380
Boot capacity – VDA (l)		454
WHEELS AND TYRES		
Wheels		17, 18 or 19in alloy
Tyres		215/55R17

	235/45R18 235/40R19
Spare	Tyre repair kit
WEIGHTS	
Kerb weight (kg)	1,680 – 1,742
Gross vehicle weight (kg)	2,150