

## ES TECHNICAL SPECIFICATIONS

<b>HYBRID SYSTEM</b>		
Type	Lexus Hybrid Drive, series/parallel, full hybrid	
Full system power (bhp/DIN hp/kW)	215/218/160	
<b>ENGINE</b>		
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	
<b>ELECTRIC MOTOR/GENERATOR</b>		
Type	AC synchronous, permanent magnet	
Max. power (bhp/kW)	120/88	
Max. torque (Nm)	202	
Max. voltage (V)	650	
<b>HYBRID BATTERY</b>		
Type	Nickel-metal hydride (NiMH)	
Nominal voltage (DC V)	244.8	
Number of cells	204	
<b>TRANSMISSION</b>		
Type	E-CVT	
Motor reduction ratio	3.389	
Differential gear ratio	3.389	
Driven wheels	Front	
<b>PERFORMANCE</b>		
0-62mph (sec)	8.9	
Maximum speed (mph)	112	
<b>FUEL CONSUMPTION (WLTP)</b>		
Combined (mpg)	50.4 to 54.3	
Fuel tank capacity (l)	50	
<b>EMISSIONS (WLTP), INSURANCE, SERVICING &amp; WARRANTY</b>		
CO <sub>2</sub> emissions – combined (g/km)	ES	119
	ES Premium Pack	125
	F Sport	127
	F Sport Takumi Pack	128
	Takumi	125
Insurance groups	33E – 38E	
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

<b>SUSPENSION</b>		
Front		MacPherson strut
Rear		Trailing wishbone
<b>BRAKES</b>		
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
<b>STEERING</b>		
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)
<b>EXTERIOR DIMENSIONS</b>		
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
<b>INTERIOR DIMENSIONS</b>		
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
<b>WHEELS AND TYRES</b>		

Wheels	17, 18 or 19in alloy
Tyres	215/55R17 235/45R18 235/40R19
Spare	Tyre repair kit
<b>WEIGHTS</b>	
Kerb weight (kg)	1,680 – 1,742
Gross vehicle weight (kg)	2,150