

TECHNICAL SPECIFICATIONS

HYBRID SYSTEM			
Type	Lexus Hybrid Drive, series/parallel, full hybrid		
Full system power (bhp/kW)	134/100		
ENGINE			
Engine code	2ZR-FXE (Atkinson cycle)		
Type	4 cylinders, in-line		
Valve mechanism	4 valves per cylinder, DOHC with VVT-i		
Bore x stroke (mm)	80.5 x 88.3		
Displacement (cc)	1,798		
Compression ratio	13.0:1		
Fuel system	Intake port (multi-point)		
Fuel type	95 octane petrol, or higher		
Max. engine power (bhp/kW @ rpm)	98/73 @ 5,200		
Max. engine torque (Nm @ rpm)	142 @ 2,800 – 4,400		
ELECTRIC MOTOR/GENERATOR			
Type	AC synchronous, permanent magnet		
Max. power (bhp/kW)	81/60		
Max. torque (Nm)	207		
Max. voltage (V)	650		
HIGH VOLTAGE BATTERY			
Type	Nickel-metal hydride (NiMH)		
Nominal voltage (DC V)	201.6 (168 x 1.2V cells)		
Number of modules	28		
Max. voltage (V)	650		
Capacity (Ah)	6.5		
Max. output (bhp)	28		
TRANSMISSION			
Type	E-CVT		
Differential gear ratio	3.267		
PERFORMANCE			
0-62mph (sec)	10.3		
Maximum speed (mph)	112		
FUEL CONSUMPTION			
	16in wheel	17in wheel	
Combined (mpg)	74.3	68.9	
Extra urban (mpg)	74.3	70.6	
Urban (mpg)	74.3	68.9	
Fuel tank capacity (l)	45		
EMISSIONS & INSURANCE			
	16in wheel	17in wheel	
CO ₂	Combined (g/km)	88	94
	Extra urban (g/km)	88	93
	Urban (g/km)	88	94
Insurance groups	17E – 19E		
SUSPENSION			

Front		MacPherson strut
Rear		Double wishbone
BRAKES		
Brake type	Front	Ventilated discs (hydraulic, power assisted with ABS and regenerative braking system)
	Rear	Solid discs (hydraulic, power assisted with ABS)
Brake size	Front (diameter x thickness, mm)	255 x 25
	Rear (diameter x thickness, mm)	279 x 9
Parking brake		Foot pedal
STEERING		
Steering gear type		Rack and pinion
Ratio		14.6:1
Turns lock-to-lock		2.7
Minimum turning radius	Tyre (m)	5.2
	Body (m)	5.6
Power steering type		Electric power steering (EPS)
EXTERIOR DIMENSIONS		
Length (mm)		4,355
Width (mm)		1,765
Height (mm)		1,455
Wheelbase (mm)		2,600
Track	Front (mm)	1,525
	Rear (mm)	1,520
Overhang	Front (mm)	940
	Rear (mm)	810
Ground clearance (mm)		140
Drag coefficient (Cd)		0.29
INTERIOR DIMENSIONS		
Length (mm)		1,735
Width (mm)		1,470
Height (mm)		1,135
Couple distance (mm)		835
Headroom	Front (mm)	989
		With sunroof 974
Legroom	Rear (mm)	940
	Front (mm)	1,068
Shoulder room	Rear (mm)	835
	Front (mm)	1,370
Hip room	Rear (mm)	1,335
	Front (mm)	1,345
	Rear (mm)	1,315
LUGGAGE COMPARTMENT		

VDA capacity – rear seats up (l)	375
VDA capacity – rear seats down (l)	985
Floor to ground height (mm)	693
Length (mm)	665
Width (mm)	840
WHEELS AND TYRES	
Wheels	16 or 17in alloy
Tyres	205/55R16 215/45R17
WEIGHTS	
Kerb weight (kg)	1,410 – 1,465
Gross vehicle weight (kg)	1,845

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