

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 | 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 |
| 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 |

ENDS

Ref:210129M