Lexus CT 200h TECHNICAL SPECIFICATIONS

| Type Lexus Hybrid Drive, series/parallel, full hybrid Full system power (bhp/DIN hp/kW) 134/136/100 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/DIN hp/kW @ rpm) 98/99/73 @ 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 Hybrid automatic (E-CVT) Drive wheels Front Differential gear ratio 3.267 PERFORMANCE 0-62mph (sec) 10.3 Maximum speed (mph) 112 FUEL CONSUMPTION (WLTP) Combined (mpg) 53.2 to 55.3 Fuel tank capacity (I) | HYBRID SYSTEM | | |
|--|---|---|--|
| Full system power (bhp/DIN hp/kW) | Туре | Lexus Hybrid Drive, series/parallel, full | |
| Engine code | | | |
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| Valve mechanism Bore x stroke (mm) Bore x stroke (multi-point) Bore x stroke (mpl) Bore x stroke (mm) Bore x stroke (mm) Bore x stroke (mm) Bore x stroke (mpl) Bore x stroke (mm) Bore x stroke (mm) Bore x stroke (mpl) Bore x stroke (mpl) Bore x stroke (mm) Bore x stroke (mpl) Bore x stroke (mpl) Bore x stroke (mm) Bore x stroke (mpl) Bore x stroke (mplication) Bore x stroke | Engine code | 2ZR-FXE (Atkinson cycle) | |
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| Max. torque (Nm) Max. voltage (V) HIGH VOLTAGE BATTERY Type Nickel-metal hydride (NiMH) Nominal voltage (DC V) Number of modules Max. voltage (V) Capacity (Ah) Max. output (bhp) TRANSMISSION Type Hybrid automatic (E-CVT) Drive wheels Differential gear ratio Differential gear ratio PERFORMANCE 0-62mph (sec) Maximum speed (mph) Fuel Consumption (WLTP) Combined (mpg) 53.2 to 55.3 | Туре | AC synchronous, permanent magnet | |
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| Combined (mpg) 53.2 to 55.3 | Maximum speed (mph) | 112 | |
| , , , , | FUEL CONSUMPTION (WLTP) | | |
| Fuel tank capacity (I) 45 | Combined (mpg) | 53.2 to 55.3 | |
| | Fuel tank capacity (I) | 45 | |

| EMISSIONS (WLTP), INSURANCE, | | 16in wheel | 17in wheel | |
|---|------------------------------------|--|------------------------|--|
| SERVICING & WARRANTY | | | | |
| CO ₂ emissions – combined (g/km) | СТ | 118 | - | |
| (5") | CT Sport Pack | 119 | - | |
| | CT Premium Pack | 115 | 119 | |
| | CT Premium Tech | - | 119 | |
| | Pack | | | |
| | F Sport | - | 119 | |
| | F Sport Conv. Pack | - | 119 | |
| | F Sport Conv. Tech Pack | - | 119 | |
| | F Sport Takumi Pack | - | 120 | |
| | Takumi | 116 | 119 | |
| Insurance groups | | 17E – 18E | | |
| Service intervals | | 10,000 miles/annually | | |
| Comprehensive nev | 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 | | Double wishbone | | |
| BRAKES | | | | |
| Brake type | Front | Ventilated discs (hydraulic, power assisted | | |
| | | with ABS and regener | rative braking system) | |
| | Rear | Solid discs | | |
| | | (hydraulic, power a | | |
| Brake size | Front (diameter x | 255 | x 25 | |
| | thickness, mm) | | | |
| | Rear (diameter x | 279 | x 9 | |
| | thickness, mm) | _ | | |
| Parking brake | | Foot pedal | | |
| STEERING | | | | |
| Steering gear type | | Rack and pinion | | |
| Ratio | | 14.6:1 | | |
| Turns lock-to-lock | | 2. | | |
| Minimum turning | Tyre (m) | 5. | | |
| radius | Body (m) | 5. | | |
| Power steering type | | Electric power steering (EPS) | | |

| EXTERIOR DIME | EXTERIOR DIMENSIONS | | |
|------------------------------------|---------------------|--------------------------------------|--|
| Length (mm) | | 4,355 | |
| Width - excluding mirrors (mm) | | 1,765 | |
| Width – including r | mirrors (mm) | 2,020 | |
| Height (mm) | | 1,455 | |
| Wheelbase (mm) | | 2,600 | |
| Track | Front (mm) | 1,525 | |
| | Rear (mm) | 1,520 | |
| Overhang | Front (mm) | 945 | |
| | Rear (mm) | 810 | |
| Ground clearance (mm) | | 140 | |
| Drag coefficient (Cd) | | 0.29 | |
| INTERIOR DIMEN | ISIONS | | |
| Length (mm) | | 1,735 | |
| Width (mm) | | 1,470 | |
| Height (mm) | | 1,135 | |
| Couple distance (mm) | | 835 | |
| Headroom | Front (mm) | 989 | |
| | | With sunroof 974 | |
| | Rear (mm) | 940 | |
| Legroom | Front (mm) | 1,068.5 | |
| | Rear (mm) | 835 | |
| Shoulder room | Front (mm) | 1,370 | |
| | Rear (mm) | 1,335 | |
| Hip room | Front (mm) | 1,345 | |
| | Rear (mm) | 1,315 | |
| LUGGAGE COMPARTMENT | | | |
| VDA capacity – rear seats up (I) | | 375 | |
| VDA capacity – rear seats down (I) | | 985 | |
| Floor to ground height (mm) | | 693 | |
| Length (mm) | | 665 | |
| Width (mm) | | 840 | |
| WHEELS AND TY | 'RES | | |
| Wheels | | 16 or 17in alloy, 16 x 6J or 17 x 7J | |
| Tyres | | 205/55R16 | |
| | | 215/45R17 | |
| WEIGHTS | | | |
| Kerb weight (kg) | | 1,410 – 1,465 | |
| Gross vehicle weight (kg) | | 1,845 | |
| Towing capacity | | Towing prohibited | |

ENDS

Ref:210129M