

## Lexus CT 200h TECHNICAL SPECIFICATIONS

<b>HYBRID SYSTEM</b>	
Type	Lexus Hybrid Drive, series/parallel, full hybrid
Full system power (bhp/DIN hp/kW)	134/136/100
<b>ENGINE</b>	
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
<b>ELECTRIC MOTOR/GENERATOR</b>	
Type	AC synchronous, permanent magnet
Max. power (bhp/kW)	81/60
Max. torque (Nm)	207
Max. voltage (V)	650
<b>HIGH VOLTAGE BATTERY</b>	
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
<b>TRANSMISSION</b>	
Type	Hybrid automatic (E-CVT)
Drive wheels	Front
Differential gear ratio	3.267
<b>PERFORMANCE</b>	
0-62mph (sec)	10.3
Maximum speed (mph)	112
<b>FUEL CONSUMPTION (WLTP)</b>	
Combined (mpg)	53.2 to 55.3
Fuel tank capacity (l)	45

<b>EMISSIONS (WLTP), INSURANCE, SERVICING &amp; WARRANTY</b>		<b>16in wheel</b>	<b>17in wheel</b>
CO <sub>2</sub> emissions – combined (g/km)	CT	118	-
	CT Sport Pack	119	-
	CT Premium Pack	115	119
	CT Premium Tech Pack	-	119
	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 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		Double wishbone	
<b>BRAKES</b>			
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	
<b>STEERING</b>			
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)	

<b>EXTERIOR DIMENSIONS</b>		
Length (mm)		4,355
Width - excluding mirrors (mm)		1,765
Width – including 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
<b>INTERIOR DIMENSIONS</b>		
Length (mm)		1,735
Width (mm)		1,470
Height (mm)		1,135
Couple distance (mm)		835
Headroom	Front (mm)	989
	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
<b>LUGGAGE COMPARTMENT</b>		
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
<b>WHEELS AND TYRES</b>		
Wheels	16 or 17in alloy, 16 x 6J or 17 x 7J	
Tyres	205/55R16 215/45R17	
<b>WEIGHTS</b>		
Kerb weight (kg)		1,410 – 1,465
Gross vehicle weight (kg)		1,845
Towing capacity		Towing prohibited

ENDS

Ref:210129M