



## 2020 LEXUS UX 250h SPECIFICATIONS

<i>EXTERIOR DIMENSIONS</i>		
Wheelbase		103.9 in. (2,640 mm)
Overall Length		177.0 in. (4,495 mm)
Overall Width		72.4 in. (1,840 mm)
Overall Height	with roof rail, without shark fin antenna with shark fin antenna	59.8 in. (1,520 mm) 60.6 in. (1,540 mm)
Tread Width		61.0 in. (1,550 mm), front & rear

<i>INTERIOR DIMENSIONS</i>		
Seating Capacity		5
Headroom, front	Standard seat	37.3 in. (947 mm)
	Standard seat with moonroof	35.8 in. (908 mm)
	F Sport seat	36.6 in. (929 mm)
	F Sport seat with moonroof	35.0 in. (889 mm)
Headroom, rear	Hybrid model	36.3 in. (923 mm)
	Hybrid model with moonroof	36.4 in. (924 mm)
Legroom	Front	42.1 in. (1,068 mm)
	Rear	33.1 in. (842 mm)
Shoulder Room	Front	55.1 in. (1,398 mm)
	Rear	52.9 in. (1,344 mm)
Hip Room	Front	53.8 in. (1,368 mm)
	Rear	52.3 in. (1,329 mm)
Passenger Volume, EPA	without moonroof	90.4 ft <sup>3</sup> (2.56 m <sup>3</sup> )
	with moonroof	88.5 ft <sup>3</sup> (2.51 m <sup>3</sup> )
Cargo Volume, SAE	High Deck	17.1 ft <sup>3</sup> (.486 m <sup>3</sup> )

<i>WEIGHTS AND CAPACITIES</i>		
Curb Weight	AWD*	3,605 lbs. (1,635 kg)
GVWR		4,650 lbs. (2,110 kg)
Weight Distribution - front/rear		57/43%
Fuel Capacity		10.6 gal. (40 L)

<i>LEXUS HYBRID DRIVE SYSTEM (LHD)</i>	
Type	Series-parallel gasoline-electric hybrid with two motor-generators
Layout	Front engine, all-wheel drive (AWD*)
Total System Power (gasoline engine + hybrid battery pack)	181 hp SAE



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<i>ENGINE for HYBRID SYSTEM</i>	
Type, Construction	Inline-four, aluminum block with steel liners, aluminum cylinder head
Designation	M20A-FXS
Valvetrain	16-Valve DOHC, VVT-iE (intake), VVT-i (exhaust) for Atkinson cycle
Displacement	2.0 liter, 1,987 cc (121 in. <sup>3</sup> )
Bore x Stroke	3.17 x 3.84 in. (80.5 x 97.6 mm)
Compression Ratio	14.0:1
Total Horsepower	181 hp SAE @ 6,000 RPM
Fuel System	Electronic Fuel Injection (EFI), D-4S (Direct injection 4-stroke gasoline engine Superior)
Fuel Requirement	Regular
Emission Certification	LEV3-ULEV50 TIER3

<i>HYBRID TRANSMISSION</i>	
Transmission Type	Two motor-generator hybrid transmission with planetary power-split device
Designation	AWD*: P711 front, Q510 rear
Motor Generator 1 (MG1) type	Permanent magnet motor
Function	Generator, engine starter, controls engine speed
Motor Generator 2 (MG2) type	Permanent magnet motor
Function	Drives wheels; regenerative braking
Motor Reduction Ratio	3.062
Motor Generator Rear (MGR) type for AWD*	Induction motor
Function	Drives rear wheels; stability control
Final Drive Ratios	AWD*: 3.605 (front), 10.487 (rear)

<i>HYBRID DRIVETRAIN</i>	
Layout	Front engine, all-wheel drive
Transmission Type	CVT
Designation	P711
Gear ratios	3.377
Pulley Ratio, overall range	2.236 - 0.447
Reverse ratio	3.136
Differential Gear Ratio	3.605 Front/10.487 Rear



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<i>HYBRID BATTERY PACK</i>	
Type	Nickel-metal hydrid (Ni-MH)
Cell Quantity	180 cells
Nominal Voltage	216 V
Battery Pack power	24 kW

<i>CHASSIS &amp; BODY</i>		
Body Construction		Unitized steel body structure, aluminum doors, hood and front fenders, polymer & aluminum rear hatch
Suspension	Front	MacPherson strut independent
	Rear	Multi-Link independent with trailing arms
Steering	Type	Rack & Pinion with column-mounted electric power assist
	Turns, lock-to-lock	2.8
	Turning Radius, curb	17.1 ft. (5.2 m)
Brakes	Type	Four-wheel power-assisted disc brakes.
	System	4 channel, 4 sensor Anti-lock Braking System (ABS), Electronic Brakeforce Distribution (EBD), Brake Assist (BA), Traction Control (TRAC) and Vehicle Stability Control (VSC)
	Front Rotors	12.0 in. (305 mm) ventilated disc
	Rear Rotors	11.1 in. (281 mm) solid disc
Wheels		18 x 7J 5-spoke aluminum alloy dark gray metallic w/machine finish (Base, Premium, Luxury)
		18 x 7J split 5-spoke aluminum alloy dark premium metallic (F SPORT)
Tires		225/50RF18 all-season run-flat Bridgestone or Dunlop

<i>PERFORMANCE</i>	
Acceleration, mfr. estimate	8.6 sec 0-60 mph (8.7 sec 0-100 km/h)
Top track speed, mfr. estimate	110 mph (177 km/h) electronically limited
Estimated Fuel Economy (City/Hwy/Combined)	41/38/39 mpg
Coefficient of Drag (Cd)	0.33

\*UX AWD system only works at speeds up to 43 MPH.