

THE NEW LEXUS UX 2024

VEHICLE SPECIFICATIONS

(April 2024)

Major Dimensions & Vehicle Weights			UX 300h FWD	UX 300h E-Four	UX 300e FWD		
Overall (Curb Mass)	Length		mm	4495	4495	4495	
	Width	Without Mirror		mm	1840	1840	1840
	Height ^{*1}		mm	1520 ^{*2} , 1540 ^{*3}	1520 ^{*2} , 1540 ^{*3}	1545	
Wheelbase (Curb Mass)			mm	2640	2640	2640	
Tread (Curb Mass)	Front			mm	1560 ^{*4} , 1550 ^{*5}	1560 ^{*4} , 1550 ^{*5}	1560 ^{*4} , 1550 ^{*8}
	Rear			mm	1560 ^{*4} , 1550 ^{*5}	1560 ^{*4} , 1550 ^{*5}	1560 ^{*4} , 1550 ^{*8}
Interior	Length			mm	1830	1830	1830
	Width			mm	1518	1518	1518
	Height			mm	1170.9, 1145.8 ^{*6}	1170.9, 1145.8 ^{*6}	1108.9, 1082.1 ^{*6}
Couple Distance	Front to Rear		mm	870	870	875	
Seating Capacity			person	5	5	5	
Overhang (Curb Weight)	Front			mm	970	970	970
	Rear			mm	885	885	885
Coefficient of Drag				0.33	0.33	0.31	
Min. Running Ground Clearance (Curb Weight)			mm	160	160	140	
Location of Min. Running Ground Clearance				Engine under cover	Engine under cover	Transaxle cover	
Angle of Approach			degrees	14	14	14.4	
Angle of Departure			degrees	25	25	25.8	
Ramp Break Over Angle			degrees	16	16	22.9	
Curb Weight	Front	Min. - Max. (EC/ECE)	kg	905-935	910-940	950-965	
	Rear	Min. - Max. (EC/ECE)	kg	590-640	645-695	825-865	
	Total	Min. - Max. (EC/ECE)	kg	1495-1575	1555-1635	1775-1830	
Gross Vehicle Weight			kg	2110	2110	2245	
Luggage volume	Rear seats upright, loaded to luggage cover		L	315	317	363	
	Rear seats upright, loaded to the roof		L	433	435	482	
Towing Capacity	With Brake			kg	750	750	0
	Without Brake			kg	750	750	0
Fuel Tank Capacity	Capacity			L	43	43	

*1: Unladen vehicles *2: With roof rail / Without shark fin antenna *3: With shark fin antenna

*4: Vehicles with 215/60R17 tires *5: Vehicles with 225/50R18 tires *6: With moon roof

*8: Vehicles with 225/50R18 tires

Engine	UX 300h FWD	UX 300h E-Four	UX 300e FWD
Engine Type	M20A-FXS	M20A-FXS	
No. of Cyls. & Arrangement	4-cylinders, Inline type	4-cylinders, Inline type	

Valve Mechanism				16-Valve, DOHC, VVT-iE (intake), VVT-i (exhaust)	16-Valve, DOHC, VVT-iE (intake), VVT-i (exhaust)	
Bore x Stroke		mm		80.5 x 97.6	80.5 x 97.6	
Displacement		cm ³		1987	1987	
Compression Ratio				14.0 : 1	14.0 : 1	
Fuel Injection System				EFI, D-4S	EFI, D-4S	
Intake System				Natural Aspiration	Natural Aspiration	
Emission Certification				EURO6e	EURO6e	
Fuel Type				Gasoline	Gasoline	
Recommended Octane Rating		RON		95 or higher	95 or higher	
Max. Output	EEC			kW/rpm (ps/rpm)	112/6000 (152/6000)	112/6000 (152/6000)
Max. Torque	EEC			Nm/rpm (kg-m/rpm)	190/4400-5200 (19.4/4400-5200)	190/4400-5200 (19.4/4400-5200)
Fuel Consumption	WLTP	Combined	L/100km	5.0-5.2	5.3-5.7	
CO ₂ Emissions	WLTP	Combined	g/km	113-119	121-128	

Motor Generator				UX 300h FWD	UX 300h E-Four	UX 300e FWD
Motor Type	Front			Permanent magnet motor	Permanent magnet motor	Permanent magnet motor
	Rear				Permanent magnet motor	
Max. Output	Front	kW (ps)		83 (113)	83 (113)	150 (204)
	Rear	kW (ps)			30 (41)	
Max. Torque	Front	Nm (kg-m)		206 (21.0)	206 (21.0)	300 (30.6)
	Rear	Nm (kg-m)			84 (8.6)	
EV Driving Range	WLTP	km				445 - 453
Electric Energy Consumption	WLTP	Wh/km				168.0 - 165.9

Hybrid Battery

Battery Type		Li-ion	Li-ion	
Nominal Voltage	V	222	222	
Number of Battery Cells		60	60	

EV Battery

Battery Type			Li-ion
Nominal Voltage	V		355.2
Battery Capacity	Ah		205
Total Battery Power	kWh		72.82
Number of Battery Cells			96

Battery Charger

Approx. Charging Time	230 V	h			Approx. 9.5 (32 A), Approx. 28 (10 A), Approx. 36 (8 A)
	Quick Charge	min.			Approx. 60 (Max. 125 A)* ¹⁶
Connector Type	AC input (Normal Use)				Type2
	DC input (Quick Charge)				CHAdeMO

Charger Power	kW			7.0
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*16: Charging time required until 80% of SOC (State of Charge) is reached from 10% with the battery temperature at 20°C or more

Total System Output

Total Max. Output*10	kW (ps)	146 (199)	146 (199)	
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*10: The combined total power of the engine and electric motor (using the battery) exhibited as a hybrid system. (Toyota in-house measured figures)

Performance			UX 300h FWD	UX 300h E-Four	UX 300e FWD
Max. Speed*11		km/h	177	177	160
Acceleration*11	0 to 60 mph	sec.	8.0	7.9	-
	0 to 100 km/h	sec.	8.1	7.9	7.5
	80 to 120 km/h	sec.	n.a.	n.a.	5.3

*11: Toyota in-house measured figures

Chassis			UX 300h FWD	UX 300h E-Four	UX 300e FWD
Transmission	TMC Code Name		PB10	PB10 (front), Q810 (rear)	Q711
	Type		Electronic continuously variable transmission	Electronic continuously variable transmission	Triple axes , 2-stage reduction
Layout			FF	AWD (E-Four)	FF
Differential Gear Ratio (Front / Rear)			3.605 / -	3.605 / 10.487	11.691 / -
Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc
	Rear		Solid Disc	Solid Disc	Ventilated Disc
Brake Size	Front	Diameter / Thickness	mm	305 / 28	305 / 28
	Rear	Diameter / Thickness	mm	281 / 12	317 / 18
Parking Brake Type of Control and Location			Electrical Switch Type, Instrument Panel	Electrical Switch Type, Instrument Panel	Electrical Switch Type, Instrument Panel
Suspension Type	Front		MacPherson Strut	MacPherson Strut	MacPherson Strut
	Rear		Trailing Wishbone	Trailing Wishbone	Trailing Wishbone
Lock to Lock			2.76	2.76	2.76
Min. Turning Radius	Curb to curb	m	5.2	5.2	5.2
	Wall to wall	m	5.6	5.6	5.23 ^{*13} , 5.22 ^{*14}
Power Steering Type			EPS	EPS	EPS

*12: 2nd to 10th

*13: Vehicles with 215/60R17 tires *14: Vehicles with 225/50R18 tires