UX 250h TECHNICAL SPECIFICATIONS

ENGINE	4 11 1	,	
Engine type	4 cylinder		
Valve mechanism	16-valve DOHC, VVT-iE (intake)/VVT-i		
	(exhaust)		
Displacement (cc)	1,98		
Bore x stroke (mm)	80.5 x	97.6	
Compression ratio	14.0:1		
Total system output (bhp/DIN hp/kW)	181/18	4/135	
Max. engine power (bhp/DIN hp/kW @ rpm)	150/152/112 @ 6,000		
Max. engine torque (Nm @ rpm)	190 @ 4,40	00 – 5,200	
HYBRID SYSTEM		·	
Electric motor – front			
Туре	Permanent magnet, synchronous motor		
Max. voltage	650		
Max. power (bhp/kW)	107/80		
Max. torque (Nm)			
Electric motor – rear (E-Four models)	202		
	In direction weaken		
Type	Induction motor		
Max. voltage	216		
Max. power (bhp/kW)	7.1/5.3		
Max. torque (Nm)	55		
Hybrid battery			
Туре	Nickel-metal hydride		
Nominal voltage	216		
Number of cells	180		
TRANSMISSION	FWD	E-FOUR	
Туре	E-CVT		
Motor reduction gear	3.062		
Differential Gear Ratio (front/rear)	3.605/ -	3.605/10.487	
PERFORMANCE	FWD	E-FOUR	
0-62mph (sec)	8.5	8.7	
Max. speed (mph)	110		
DIMENSIONS			
Overall length (mm)	4,495		
Overall width – excluding mirrors (mm)	1,840		
Overall width – including mirrors (mm)	2,080		
Overall height (mm)	1,520 (17in wheels)		
Sveran neight (mm)	1,540 (18in wheels)		
Wheelbase (mm)	2,640		
Track front (mm)	2,040 1,560 (17in wheels)		
Track from (min)	1,550 (1711 wheels)		
Track rear (mm)	1,550 (16iii Wheels)		
TIAUN ICAI (IIIIII)	1,550 (17iii Wheels)		
Overhang front (mm)			
Overhang front (mm)	970		
Overhang rear (mm)	885 0.33		
Coefficient of Drag (Cd)	0.33 43		
Fuel tank capacity (litres)	1/)	

Corrosion/perforation warranty Surface rust/paintwork SUSPENSION Front Rear Trailing arm, double wishbones BRAKES	INTERIOR DIMENSIONS		FWD	E-FOUR	
Interior height (mm)					
1,146 (with sunroof)			1,5	518	
Luggage capacity (litres) All figures include tray cover compartment in loaded to roof Rear seats up, loaded to roof Rear sets folded, loaded to roof Rear sets folded, loaded to roof Rear sets folded, loaded to roof Rear sets weight Towing capacity – braked Towing capacity – unbraked Towing capacity – 1,620 Tow	Interior height (mm)		1,171		
(litres) All figures include tray compartment in loaded to tonneau cover Rear seats up, loaded to roof Rear sets folded, loaded to roof Rear seats up, 438		1			
Cover			320	283	
compartment in loadspace Rear seats up, loaded to roof Rear sets folded, loaded to roof Rear sets folded, loaded to roof WEIGHTS (kg) Kerb weight Respect to loaded to roof WEIGHTS (kg) WEIGHTS (kg) FWD E-FOUR Kerb weight 1,540 – 1,620 1,600 – 1,680 Gross vehicle weight 750 Towing capacity – braked 750 FUEL CONSUMPTION (WLTP) FWD Combined (mpg) 50.4 – 53.3 47.1 – 47.1 Fuel tank capacity (litres) EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY CO2 emissions - combined (g/km) 120-128 Service intervals Comprehensive new vehicle warranty Hybrid warranty Comprehensive new vehicle warranty Toroion/perforation warranty 12 years/60,000 miles (whichever comes first) Corrosion/perforation warranty 12 years/unlimited mileage Surface rust/paintwork 3 years/unlimited mileage Suspension MacPherson strut Rear Trailing arm, double wishbones					
loaded to roof Rear sets folded, loaded to roof loaded to roof Rear sets folded, loaded to roof l			400	404	
Rear sets folded, loaded to roof WEIGHTS (kg) Kerb weight Gross vehicle weight Towing capacity – braked Towing capacity – unbraked Toming capacity – unbraked Towing capacity – unbraked Towin			438	401	
loaded to roof WEIGHTS (kg) FWD E-FOUR	loadspace		1 001	1 104	
WEIGHTS (kg)FWDE-FOURKerb weight1,540 – 1,6201,600 – 1,680Gross vehicle weight2,110Towing capacity – braked750Towing capacity – unbraked750FUEL CONSUMPTION (WLTP)FWDE-FOURCombined (mpg)50.4 – 53.347.1 – 47.1Fuel tank capacity (litres)43EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTYFWDE-FOURCO2 emissions - combined (g/km)120-128136-137Insurance groups22E – 26EService intervals10,000 miles/annuallyComprehensive new vehicle warranty3 years/60,000 miles, followed by up to 10 years/100,000 miles (whichever comes first)Hybrid warranty5 years/60,000 miles (whichever comes first)Corrosion/perforation warranty12 years/unlimited mileageSurface rust/paintwork3 years/unlimited mileageSUSPENSIONMacPherson strutFrontMacPherson strutRearTrailing arm, double wishbones		1	1,231	1,194	
Kerb weight Gross vehicle weight Towing capacity – braked Towing capacity – unbraked FUEL CONSUMPTION (WLTP) Combined (mpg) Fuel tank capacity (litres) EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY CO2 emissions - combined (g/km) Insurance groups Service intervals Comprehensive new vehicle warranty Hybrid warranty Corrosion/perforation warranty EVEL CORSUMPTION (WLTP) FWD E-FOUR E-FOUR 120-128 136-137 Insurance groups 22E – 26E Service intervals 10,000 miles/annually 3 years/60,000 miles, followed by up to 10 years/100,000 miles (whichever comes first) Corrosion/perforation warranty 12 years/unlimited mileage Surface rust/paintwork 3 years/unlimited mileage SUSPENSION Front MacPherson strut Trailing arm, double wishbones	WEIGHTS (kg)	loaded to root	FWD	F-FOLIR	
Gross vehicle weight Towing capacity – braked Towing capacity – unbraked To					
Towing capacity – braked Towing capacity – unbraked Towing capacity – braked Towing capacity – unbraked Towing capacity – braked Towing capacity – braked Towing capacity – braked Towing capacity – braked Towing capacity – unbraked Towing capacity – braked Towing capacity Towing capacity – braked Towing capacity					
Towing capacity – unbraked 750 FUEL CONSUMPTION (WLTP) FWD E-FOUR Combined (mpg) 50.4 – 53.3 47.1 – 47.1 Fuel tank capacity (litres) 43 EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY CO2 emissions - combined (g/km) 120-128 136-137 Insurance groups 22E – 26E Service intervals 10,000 miles/annually Comprehensive new vehicle warranty 3 years/60,000 miles, followed by up to 10 years/100,000 miles (whichever comes first) Corrosion/perforation 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 arm, double wishbones	<u> </u>	ked			
FUEL CONSUMPTION (WLTP)FWDE-FOURCombined (mpg)50.4 - 53.347.1 - 47.1Fuel tank capacity (litres)43EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTYFWDE-FOURCO2 emissions - combined (g/km)120-128136-137Insurance groups22E - 26EService intervals10,000 miles/annuallyComprehensive new vehicle warranty3 years/60,000 miles, followed by up to 10 years/100,000 miles Lexus Relax warrantyHybrid warranty5 years/60,000 miles (whichever comes first)Corrosion/perforation warranty12 years/unlimited mileageSurface rust/paintwork3 years/unlimited mileageSUSPENSIONMacPherson strutFrontMacPherson strutRearTrailing arm, double wishbones					
Combined (mpg) 50.4 – 53.3 47.1 – 47.1 Fuel tank capacity (litres) 43 EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY CO2 emissions - combined (g/km) 120-128 136-137 Insurance groups 22E – 26E Service intervals 10,000 miles/annually Comprehensive new vehicle warranty 3 years/60,000 miles, followed by up to 10 years/100,000 miles Lexus Relax warranty 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 arm, double wishbones					
Fuel tank capacity (litres) EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY CO2 emissions - combined (g/km) Insurance groups Service intervals Comprehensive new vehicle warranty Hybrid warranty Hybrid warranty Corrosion/perforation warranty Surface rust/paintwork Suspension Front MacPherson strut Trailing arm, double wishbones BRAKES E-FOUR E-FOUR E-FOUR E-FOUR E-FOUR Service FWD E-FOUR 120-128 136-137 129ez - 26E 10,000 miles/annually 3 years/60,000 miles, followed by up to 10 years/100,000 miles (whichever comes first) 12 years/60,000 miles (whichever comes first) A years/unlimited mileage Suspension Trailing arm, double wishbones		()			
EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY CO ₂ emissions - combined (g/km) Insurance groups Service intervals Comprehensive new vehicle warranty Hybrid warranty Corrosion/perforation warranty Surface rust/paintwork Suspension Front Rear Rear FWD E-FOUR E-FOUR E-FOUR E-FOUR E-FOUR E-FOUR 120-128 136-137 129eE 10,000 miles/annually 3 years/60,000 miles, followed by up to 10 years/100,000 miles (whichever comes first) 12 years/60,000 miles (whichever comes first) MacPherson strut Trailing arm, double wishbones BRAKES		res)			
Insurance groups Service intervals Comprehensive new vehicle warranty Hybrid warranty Corrosion/perforation warranty Surface rust/paintwork Suspension Front Rear Rear Rear Survice intervals 10,000 miles/annually 3 years/60,000 miles, followed by up to 10 years/100,000 miles Lexus Relax warranty 5 years/60,000 miles (whichever comes first) 12 years/unlimited mileage 3 years/unlimited mileage MacPherson strut Trailing arm, double wishbones BRAKES	EMISSIONS (WLTP), INSURANCE,		FWD	E-FOUR	
Service intervals Comprehensive new vehicle warranty Hybrid warranty Corrosion/perforation warranty Surface rust/paintwork SUSPENSION Front Rear Trailing arm, double wishbones 10,000 miles/annually 3 years/60,000 miles, followed by up to 10 years/100,000 miles Lexus Relax warranty 5 years/60,000 miles (whichever comes first) 12 years/unlimited mileage 3 years/unlimited mileage MacPherson strut Trailing arm, double wishbones	CO ₂ emissions - combined (g/km)		120-128	136-137	
Comprehensive new vehicle warranty 3 years/60,000 miles, followed by up to 10 years/100,000 miles Lexus Relax 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 arm, double wishbones BRAKES	Insurance groups		22E – 26E		
Hybrid warranty Corrosion/perforation warranty Surface rust/paintwork Suspension Front Rear Trailing arm, double wishbones years/100,000 miles Lexus Relax warranty 5 years/60,000 miles (whichever comes first) 12 years/unlimited mileage 3 years/unlimited mileage MacPherson strut Trailing arm, double wishbones	Service intervals				
Corrosion/perforation warranty Surface rust/paintwork SUSPENSION Front Rear Trailing arm, double wishbones FRAKES first) 12 years/unlimited mileage 3 years/unlimited mileage Trailing arm, double wishbones	Comprehensive new vehicle warranty				
Surface rust/paintwork SUSPENSION Front Rear BRAKES 3 years/unlimited mileage MacPherson strut Trailing arm, double wishbones	Hybrid warranty		, ·		
SUSPENSIONFrontMacPherson strutRearTrailing arm, double wishbonesBRAKES	Corrosion/perforation warranty		12 years/unlimited mileage		
Front MacPherson strut Rear Trailing arm, double wishbones BRAKES					
Rear Trailing arm, double wishbones BRAKES	SUSPENSION				
BRAKES	Front				
	Rear		Trailing arm, double wishbones		
Front (diameter x thickness mm) Ventilated discs					
,	Front (diameter x thickness, mm) Rear (diameter x thickness, mm)		Ventilated discs		
			305 x 28		
			Solid discs 281 x 12		
STEERING 281 X 12	STEERING		201	X 12	
Type Rack and pinion, electric power steering				ctric power steering	
Turns lock-to-lock 2.76	<u> </u>				
		Tvre	5.2		
(m) Body 5.6	•				
WHEELS & TYRES	, ,				
	Wheel and tyre size		17in, 215/60R17		
·			18in, 225/50R18		