

LEXUS ES TECHNICAL SPECIFICATIONS

POWERTRAIN		
Type	Permanent magnet synchronous motor	
Max. power (bhp/DIN hp/kW)	221/224/165	
Max. torque (Nm)	269	
BATTERY		
Type	Lithium-ion	
Number of cells	104	
Capacity (kWh)	77 (gross)/72 (net)	
Nominal voltage (V)	384.8	
BATTERY CHARGING		
Max. charging power AC (kW) ²	22	
AC charging time 10-100% (hr)	4	
Max. charging power DC (kW) ⁴	150	
DC charging time 10-80% (min)	28	
TRANSMISSION		
Type	Single speed	
Final drive ratio	13.817	
Driven wheels	Front Wheel Drive	
PERFORMANCE		
Max. speed (mph)	99	
0-62mph acceleration (sec)	8.0	
Energy consumption (kWh/100 miles)	Premium	25.6
	Premium Plus	25.7
	Takumi	26.1
Driving range – WLTP combined (miles)	Premium	361
	Premium Plus	357
	Takumi	326
Driving range – WLTP city (miles)	Premium	427
	Premium Plus	419
	Takumi	413
SUSPENSION		
Front	MacPherson strut	
Rear	Multi-link	
BRAKES		
Front	340mm ventilated discs	
Rear	338mm ventilated discs	
Parking brake	Electronic	
STEERING		
Type	Electric, rack and pinion	
Turns lock-to-lock	2.4	
Minimum turning radius – body (m)	6.26 – 19in wheel 6.27 – 21in wheel	

Minimum turning radius – tyre (m)	5.9
EXTERIOR DIMENSIONS	
Overall length (mm)	5,145
Overall width (mm)	1,920
Overall height (mm)	1,560
Wheelbase (mm)	2,950
Front track (mm)	1,654
Rear track (mm)	1,692
Front overhang (mm)	1,035
Rear overhang (mm)	1,155
Drag coefficient (Cd)	0.25
INTERIOR DIMENSIONS	
Interior length (mm)	2,165
Interior width (mm)	1,529
Interior height (mm)	1,170
Load compartment volume (l)	512
WEIGHTS	
Kerb weight (kg)	2,245
Gross vehicle weight (kg)	2,695
Towing capacity – unbraked (kg)	No towing
Towing capacity – braked (kg)	No towing
WHEELS & TYRES	
Wheel and tyre sizes	19in alloy, 235/55R19 21in alloy, 235/45R21