

PRIUS TECHNICAL SPECIFICATIONS

HYBRID SYNERGY DRIVE		
Type	Series/parallel, full hybrid	
System output (bhp/kW)	121/90	
ENGINE		
Engine type	2ZR-FXE (Atkinson cycle)	
No. of cylinders	Four in-line	
Valve mechanism	16-valve DOHC with VVT-i	
Bore x stroke (mm)	80.5 x 88.3	
Displacement (cc)	1,798	
Compression ratio	13.0:1	
Fuel system	EFI	
Octane No.	95 or greater	
Max. power (bhp/kW @ rpm)	97/72 @ 5,200	
Max. torque (Nm @ rpm)	142 @ 3,600	
Emissions level	Euro 6	
ELECTRIC MOTOR		
Motor type	Permanent magnet, synchronous	
Max. power (bhp/kW)	71/53	
Max. torque (Nm)	163	
HIGH-VOLTAGE BATTERY		
Battery type	Nickel-metal hydride	
Nominal voltage (SC V)	201.6	
No. of battery modules	28	
Battery capacity (kWh)	1.31	
TRANSMISSION		
Transmission type	Electric CVT	
Differential gear ratio	2.834	
PERFORMANCE		
Max. speed (mph)	112	
0-62mph acceleration (sec)	10.6	
FUEL CONSUMPTION*	15in wheel	17in wheel
Combined	83.1	78.5
Extra urban (mpg)	80.7	76.3

Urban (mpg)		85.6	80.7
Fuel tank capacity (l)		43	
EMISSIONS* & INSURANCE		15in wheel	17in wheel
CO ₂ (combined, g/km)		78	82
Insurance groups		14E	
SUSPENSION			
Front		MacPherson strut with anti-roll bar	
Rear		Double wishbone with anti-roll bar	
BRAKES			
Front		Ventilated discs	
Rear		Solid discs	
Disc size (diameter x width, mm)	Front	255 x 25	
	Rear	259 x 9	
Parking brake		Pedal-type	
STEERING		15in wheel	17in wheel
Steering type		Electric power-assisted rack and pinion	
Steering ratio	15in wheel	13.4:1	
	17in wheel	13.6:1	
Turns lock-to-lock	15in wheel	2.84	
	17in wheel	2.85	
Turning radius – tyre (m)	15in wheel	5.1	
	17in wheel	5.4	
TYRES		15in wheel	17in wheel
		195/65 R15	215/45 R17
EXTERIOR DIMENSIONS		15in wheel	17in wheel
Overall length (mm)		4,540	
Overall width (mm)		1,760	
Overall height (mm)		1,470	
Wheelbase (mm)		2,700	
Front track (mm)		1,530	1,510
Rear track (mm)		1,520	1,540
Front overhang (mm)		950	
Rear overhang (mm)		890	
Ground clearance (mm)		123	
Drag coefficient (Cd)		0.24	

INTERIOR DIMENSIONS	
Length (mm)	2,110
Width (mm)	1,490
Height (mm)	1,195
LUGGAGE COMPARTMENT	
VDA capacity, rear seats up (l)	457 (with temporary spare wheel) 502 with tyre repair kit
VDA, rear seats down, loaded to tonneau cover (l)	1,054
VDA, rear seats down, loaded to tonneau roof (l)	1,633
WEIGHTS	
Kerb weight (kg)	1,375 – 1,400
Gross vehicle weight (kg)	1,775
Towing capacity –unbraked/braked (kg)	725

* NEDC equivalent figures for WLTP test results, introduced February 2018

Ref: 180212M