

## PRIUS TECHNICAL SPECIFICATIONS

<b>HYBRID SYNERGY DRIVE</b>	
Type	Series/parallel, full hybrid
System output (bhp/kW)	121/90
<b>ENGINE</b>	
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
<b>ELECTRIC MOTOR</b>	
Motor type	Permanent magnet, synchronous
Max. power (bhp/kW)	71/53
Max. torque (Nm)	163
<b>HIGH-VOLTAGE BATTERY</b>	
Battery type	Nickel-metal hydride
Nominal voltage (SC V)	201.6
No. of battery modules	28
Battery capacity (kWh)	1.31

<b>TRANSMISSION</b>			
Transmission type		Electric CVT	
Differential gear ratio		2.834	
<b>PERFORMANCE</b>			
Max. speed (mph)		112	
0-62mph acceleration (sec)		10.6	
<b>FUEL CONSUMPTION</b>		<b>15in wheel</b>	<b>17in wheel</b>
Combined		94.1	85.6
Extra urban (mpg)		91.1	85.6
Urban (mpg)		97.4	85.6
Fuel tank capacity (l)		43	
<b>EMISSIONS &amp; INSURANCE</b>		<b>15in wheel</b>	<b>17in wheel</b>
CO <sub>2</sub> (g/km)	Combined	70	76
	Extra urban	72	78
	Urban	67	76
Insurance groups		14E	
<b>SUSPENSION</b>			
Front		MacPherson strut with anti-roll bar	
Rear		Double wishbone with anti-roll bar	
<b>BRAKES</b>			
Front		Ventilated discs	
Rear		Solid discs	
Disc size (diameter x width, mm)	Front	255 x 25	
	Rear	259 x 9	
Parking brake		Pedal-type	
<b>STEERING</b>		<b>15in wheel</b>	<b>17in wheel</b>

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	
<b>TYRES</b>		<b>15in wheel</b>	<b>17in wheel</b>
		195/65 R15	215/45 R17
<b>EXTERIOR DIMENSIONS</b>		<b>15in wheel</b>	<b>17in wheel</b>
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	
<b>INTERIOR DIMENSIONS</b>			
Length (mm)		2,110	
Width (mm)		1,490	
Height (mm)		1,195	
<b>LUGGAGE COMPARTMENT</b>			
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
<b>WEIGHTS</b>	
Kerb weight (kg)	1,375 – 1,400
Gross vehicle weight (kg)	1,775
Towing capacity –unbraked/braked (kg)	725

Ref: 170103