

PRIUS PLUG-IN TECHNICAL SPECIFICATIONS

Engine		
Numbers of cylinders and arrangement		4 cylinders, in-line
Valve mechanism		16-valve double overhead cam (DOHC) with VVT-i
Bore x stroke (mm)		80.5 x 88.3
Displacement (cc)		1,798
Compression ratio		13.0:1
Fuel system		Electronic fuel injection
Max. output (bhp/kW @ rpm)		98/73 @ 5,200
Max. torque (Nm @ rpm)		142 @ 4,400
Motor generator		
Motor type		Permanent magnet, synchronous motor
Max. voltage (DC V)		650
Max. output (bhp/kW)		81/60
Max. torque (Nm)		207
HV battery		
Battery type		Lithium-ion
Nominal voltage (DC V)		201.6
Number of battery Cells		56
Battery capacity (kWh)		4.4
Max. output (bhp/kW)		36/27
Hybrid Synergy Drive		
System max. output (bhp/kW)		134/100
Transmission		
Transmission type		Electric continuously variable transmission (E-CVT)
Gear ratio	Forward	2.683
	Reverse	2.683
Differential gear ratio		3.267
Performance		
Max. speed (mph)		112
0-62mph (sec)		11.4
Fuel consumption		PHEV HV
Combined (mpg)		134.5 78.5
Urban (mpg)		

Extra urban (mpg)			
Fuel tank capacity (l)		45	
Emissions & insurance		PHEV	HV
CO ₂	Combined (g/km)	49	84
	Urban (g/km)		
	Extra urban (g/km)		
Carbon monoxide, CO (g/km)		0.1184	
Total hydrocarbons, THC (g/km)		0.0254	
Non-methane hydrocarbons, NMHC (g/km)		0.0227	
Nitrogen oxides, NO _x (g/km)		0.0009	
PM (g/km)		-	
Insurance group		16E	
Suspension			
Front		MacPherson strut	
Rear		Torsion beam	
Brakes			
Type	Front	Ventilated discs with ABS and integrated regenerative braking system	
	Rear	Solid discs with ABS	
Disc diameter (mm)	Front	255	
	Rear	259	
Parking brake type		Pedal	
Steering			
Type		Electric power-assisted rack & pinion	
Steering ratio		14.6:1	
Turns (lock to lock)		2.8	
Min. turning radius (m)	Tyre	5.5	
	Body	5.6	
Exterior dimensions			
Overall length (mm)		4,480	
Overall width (mm)		1,745	
Overall height (mm)		1,490	
Wheel base (mm)		2,700	
Track (mm)	Front	1,525	
	Rear	1,520	
Overhang (mm)	Front	925	
	Rear	855	
Ground clearance (mm)		140	

Drag coefficient (Cd)	0.25
Interior dimensions	
Length (mm)	1,905
Width (mm)	1,470
Height (mm)	1,225
Luggage compartment	
Max. length – seats up (mm)	863
Max. length – seats folded (mm)	1,830
Max. width (mm)	1,555
Max. height (mm)	601
Load volume – seats up (l)	443
Load volume – seats folded (l)	1,120
Weights	
Kerb weight (kg)	1,425 – 1,455
Gross vehicle weight (kg)	1,840

Ref: 170110