

Toyota Prius Specifications

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/DIN hp @ rpm)	98/99 @ 5,200
Max. torque (Nm @ rpm)	142 @ 4,000
Emissions level	Euro 5

ELECTRIC MOTOR	
Motor type	Permanent magnet, synchronous
Max. voltage (CD V)	650
Max. power (bhp/DIN hp)	80/82
Max. torque (Nm)	207

HIGH-VOLTAGE BATTERY	
Battery type	Nickel-Metal hydride
Nominal voltage (SC V)	201.6 (168 x 1.2V cells)
No. of battery modules	28
Battery capacity (Ah)	6.5
System voltage (V)	650
Max. power (bhp/DIN hp)	36/37

Transmission		
Transmission type		Electric CVT
	Forward	2,683
Gear ratio	Reverse	2,683
Differential gear ratio		3,267

Performance	
Max. speed (mph)	112
Full system power* (bhp/DIN hp)	134/136
0-62mph acceleration (sec)	10.4

* The combined total power of the engine and electric motor (using the battery) exhibited as a hybrid system. (Toyota in-house measured figures)

Fuel consumption	15in wheel	17in wheel
Combined	72.4	70.6
Extra urban (mpg)	76.4	74.3
Urban (mpg)	72.4	70.6
Fuel tank capacity (l)	45	

Exhaust emissions	15in wheel	17in wheel
	Combined	89
	Extra urban	92
CO ₂ (g / km)	Urban	97
CO (mg/km)		93
Total hydrocarbons (THC, mg/km)		258
		58.4
Non-methane hydrocarbons (NMHC, mg/km)		53.7
NOx (mg/km)		5.8
PM (mg/km)		0

Suspension	
Front	MacPherson strut with anti-roll bar, coil springs and dampers
Rear	Torsion beam with coil springs and dampers

Brakes		
Brake type	Front	Ventilated discs, hydraulic with power assist
	Rear	Solid discs, hydraulic with power assist
Disc size (diameter x width, mm)	Front	255 x 25
	Rear	259 x 9
Parking brake		Pedal-type
Steering		
Steering type		Electric power-assisted rack and pinion
Steering ratio		17.6:1
Turns lock-to-lock		3.7
Turning radius	Tyre	5.2
	Body	5.6
Exterior dimensions		
	15in wheel	17in wheel
Overall length (mm)		4.46
Overall width (mm)		1.745
Overall height (mm)		1,490 (1,505 with Solar Pack)
Wheel base (mm)		2.7
Front track (mm)	1.525	1.515
Rear track (mm)	1.52	1.51
Front overhang (mm)		905
Rear overhang (mm)		855
Ground clearance (mm)		140
Drag coefficient (Cd)		0.25
Interior dimensions		
Length (mm)	1.905	
Width (mm)	1.47	
Height (mm)	1.225	
Front hip-point height (mm)	460	
Front-rear couple distance (mm)	930	
Luggage compartment		
VDA capacity, rear seats up (l)	445	
Luggage floor to ground (mm)	658	
Length (rear seats up/down, mm)	880/1,830	
Max. width (mm)	1.555	
Height	1.225	
Weights		
Kerb weight (kg)	1,370 – 1,420	
Gross vehicle weight (kg)		1.805

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