

TOYOTA PRIUS TECHNICAL SPECIFICATIONS

HYBRID SYNERGY DRIVE		
Type	Series/parallel, full hybrid	
System output (bhp/kW)	134/100	
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)	98/73 @ 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)	80	
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	
TRANSMISSION		
Transmission type	Electric CVT	
Gear ratios	Forward	2.683
	Reverse	2.683
Differential gear ratio	3.267	
PERFORMANCE		
Max. speed (mph)	112	
Full system power (bhp/kW)	134/100	
0-62mph acceleration (sec)	10.4	
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	

EMISSIONS, VED and INSURANCE		15in wheel	17in wheel
CO ₂ (g/km)	Combined	89	92
	Extra urban	86	97
	Urban	90	93
CO (mg/km)		258	
Total hydrocarbons (THC, mg/km)		58.4	
Non-methane hydrocarbons (NMHC, mg/km)		53.7	
NO _x (mg/km)		5.8	
PM (mg/km)		0	
VED Band		A	
Insurance groups		15E and 16E	
SUSPENSION			
Front		MacPherson strut with anti-roll bar, coil springs and dampers	
Rear		Torsion beam with coil springs and dampers	
BRAKES			
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		15in wheel	17in wheel
Steering type		Electric power-assisted rack and pinion	
Steering ratio		14.6:1	
Turns lock-to-lock		2.8	
Turning radius	Tyre	5.5	
	Body	5.9	
TYRES		15in wheel	17in wheel
		195 65 R15	215 45 R17
EXTERIOR DIMENSIONS		15in wheel	17in wheel
Overall length (mm)		4,480	
Overall width (mm)		1,745	
Overall height (mm)		1,490 (1,505 with Solar Pack)	
Wheelbase (mm)		2,700	
Front track (mm)		1,525	1,515
Rear track (mm)		1,520	1,510
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)		1,470	
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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