

TOYOTA CAMRY HYBRID TECHNICAL SPECIFICATIONS

HYBRID SYSTEM		
Type	Toyota Hybrid System II, self-charging full hybrid	
Full system power (bhp/kW)	215/160	
ENGINE		
Engine code	A25A-FXS	
Type	4 cylinders, in-line	
Valve mechanism	4 valves per cylinder, DOHC with Dual VVT-iE (intake) and VVT-i (exhaust)	
Bore x stroke (mm)	87.5 x 103.48	
Displacement (cc)	2,487	
Compression ratio	14.0:1	
Fuel system	D-4S direct & indirect injection	
Max. engine power (bhp/kW @ rpm)	176/131 @ 5,700	
Max. engine torque (Nm @ rpm)	221 @ 3,600 – 5,200	
ELECTRIC MOTOR/GENERATOR		
Type	AC synchronous, permanent magnet	
Max. power (bhp/kW)	120/88	
Max. torque (Nm)	202	
Max. voltage (V)	650	
HYBRID BATTERY		
Type	Nickel-metal hydride (NiMH)	
Nominal voltage (DC V)	244.8	
Number of modules	34	
Capacity (Ah)	6.5	
TRANSMISSION		
Type	Planetary gear system	
Motor reduction ratio	3.389	
Differential gear ratio	3.389	
Driven wheels	Front	
PERFORMANCE		
0-62mph (sec)	8.3	
Maximum speed (mph)	112	
FUEL CONSUMPTION (WLTP)		
Combined (mpg)	Design 50.44- 53.30	Excel 50.44-51.36
Fuel tank capacity (l)	50	
EMISSIONS (WLTP) & INSURANCE		
CO ₂ emissions - combined (g/km)	17in wheel 120	18in wheel 125
Insurance groups	Design 31D, Excel 32D	
SUSPENSION		
Front	MacPherson strut	
Rear	Double wishbone	

BRAKES		
Brake type	Front	Ventilated discs
	Rear	Solid discs
Brake size	Front (diameter x thickness, mm)	328 x 28
	Rear (diameter x thickness, mm)	281 x 12
Parking brake		Electronic
STEERING		
Steering gear type		Rack and pinion
Ratio		13.7:1 (17in wheel) 13.8:1 (18in wheel)
Turns lock-to-lock		2.7 (17in wheel) 2.6 (18in wheel)
Minimum turning radius	Tyre (m)	5.7 (17in wheel) 5.8 (18in wheel)
	Body (m)	6.1 (17in wheel) 6.2 (18in wheel)
Power steering type		Electric power steering (EPS)
EXTERIOR DIMENSIONS		
Length (mm)		4,885
Width (mm)		1,840
Height (mm)		1,445
Wheelbase (mm)		2,825
Track	Front (mm)	1,590 (17in wheel) 1,580 (18in wheel)
	Rear (mm)	1,615 (17in wheel) 1,605 (18in wheel)
Overhang	Front (mm)	975
	Rear (mm)	1,085
Ground clearance (mm)		145
INTERIOR DIMENSIONS		
Length (mm)		2,030
Width (mm)		1,535
Height (mm)		1,185
LUGGAGE COMPARTMENT		
VDA capacity – rear seats up (l)		524
WHEELS AND TYRES		
Wheels		17 or 18in alloy
Tyres		215/55R17 94W 235/45R18 94Y
Spare		Temporary spare wheel
WEIGHTS		
Kerb weight (kg)		1,595 – 1,635
Gross vehicle weight (kg)		2,100

ENDS

Ref:210222M