

TOYOTA AURIS HYBRID 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 (transverse)		
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 (v)	650		
Max. power (bhp)	80		
Max. torque (nm)	207		
HIGH-VOLTAGE BATTERY			
Battery type	Nickel-metal hydride		
Nominal voltage (v)	201.6 (168 x 1.2v cells)		
No. of battery modules	28		
Battery capacity (ah)	6.5		
Maximum 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)	134		
0-62mph acceleration (sec)	11.4		
FUEL CONSUMPTION			
	15in wheel	17in wheel	
Combined	74.3	70.6	
Extra urban (mpg)	74.3	70.6	
Urban (mpg)	74.3	70.6	
Fuel tank capacity (l)	45		
EMISSIONS, VED & INSURANCE			
	15in wheel	17in wheel	
CO ₂ (g/km)	Combined	89	93
	Extra urban	87	91
	Urban	89	93
VED band	A	A	
Insurance groups	13E		
SUSPENSION			
Front	MacPherson strut with anti-roll bar, coil springs and		

	dampers	
Rear	Torsion beam with coil springs and dampers	
BRAKES		
Front	Ventilated discs	
Rear	Solid discs	
Disc size (diameter mm)	Front	273 (15in wheel) 296 (17in wheel)
	Rear	259
Parking brake	Hand-operated	
STEERING	15in wheel	17in wheel
Steering type	Electric power-assisted rack and pinion	
Steering ratio	14.5:1	14.6:1
Turns lock-to-lock	2.8	2.8
Min turning radius tyre (m)	5.2	5.4
Min turning radius body (m)	5.5	5.7
TYRES	15in wheel	17in wheel
	195 65 R15	215 45 R17
EXTERIOR DIMENSIONS	15in wheel	17in wheel
Overall length (mm)	4,245	
Overall width (mm)	1,760	
Overall height (mm)	1,510	
Wheelbase (mm)	2,600	
Front track (mm)	1,515	1,535
Rear track (mm)	1,515	1,535
Front overhang (mm)	905	
Rear overhang (mm)	740	
Ground clearance (mm)	130	
Drag coefficient (cd)	0.25	0.28
INTERIOR DIMENSIONS		
Length (mm)	1,985	
Width (mm)	1,460	
Height (mm)	1,245	
LUGGAGE COMPARTMENT		
VDA capacity, rear seats up (l)	233	
Length (rear seats up/down, mm)	1,340	
WEIGHTS		
Kerb weight (kg)	1,380-1,420	
Gross vehicle weight (kg)	1,805	

ENDS

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