

TOYOTA YARIS CROSS TECHNICAL SPECIFICATIONS

POWERTRAIN	1.5-litre Hybrid
Type	3 cylinders in-line
Valve mechanism	DOHC 12-valve with VVT-iE (intake) and VVT-I (exhaust)
Fuel system	Direct multipoint injection
Displacement (cc)	1,490
Bore x stroke (mm)	80.5 x 97.6
Compression ratio	14.0:1
Max. torque (Nm @ rpm)	120 @ 3,600-4,800
Max. engine power (bhp/DIN Hp/kW @ rpm)	90/91/67 @ 5,500
Total hybrid system max. power (bhp/DIN hp/kW)	114/116/85
Electric motor/generator (MG2)	
Motor type	Permanent magnet, synchronous motor
Max. voltage (v)	580
Max.power (kW)	59
Max. torque (Nm)	141
Rear electric motor	
Type	Induction motor
Max. power (kW)	3.9
Max. torque (Nm)	52
High-voltage battery	
Battery type	Lithium-ion
Number of cells	48
Nominal voltage (v)	177.6

Capacity (amp/h)		4.3	
TRANSMISSION			
Type		e-CVT	
Front gear ratio		3.218:1	
Rear gear ratio (AWD-i)		10.487	
PERFORMANCE			
Max. speed (mph)		106	
0-62mph acceleration (sec)		11.2 (FWD)	
		11.8 (AWD-i)	
FUEL CONSUMPTION (WLTP)		FWD	AWD-i
Combined cycle (mpg)	Icon	54.6-64.2	-
	Design	54.6-62.8	-
	Excel	54.6-56.5	55.2-55.4
	GR Sport	54.6-57.6	-
Fuel tank capacity (l)		36	
CO₂ EMISSIONS (WLTP), INSURANCE, WARRANTY & SERVICING		FWD	AWD-i
Combined cycle (g/km)	Icon	100-117	-
	Design	102-117	-
	Excel	112-117	115-116
	GR Sport	112-117	-
Insurance groups		11E – 12E	
New vehicle warranty		3 years/60,000 miles	
Service schedule		10,000 miles/annually	
BRAKES			

Front		Ventilated discs	
Rear		Solid discs	
Parking brake		Electronic	
SUSPENSION			
Front		MacPherson struts with anti-roll bar	
Rear		Torsion beam (FWD)/Double wishbones (AWD-i) with anti-roll bar	
STEERING			
Type		Rack and pinion, electric power assistance	
Steering ratio		13.9:1	
Turns lock-to-lock		2.65	
Min. turning radius - tyre (m)		5.3	
Min. turning radius – body (m)		5.6	
EXTERIOR DIMENSIONS			
Overall length (mm)		4,180	
Overall width (mm)		1,765	
Overall height (mm)		1,595	
Wheelbase (mm)		2,560	
Front overhang (mm)		860	
Rear overhang (mm)		760	
Front track (mm)	16in wheel		1,527
	17 & 18in wheel		1,517
Rear track (mm)	16in wheel	FWD	1,527
		AWD-i	1,514
		FWD	1,517

	17 & 18in wheel	AWD-i	1.504
Min. running ground clearance (mm)			170
Coefficient of drag (Cd)			0.35 FWD 0.36 AWD-i
INTERIOR DIMENSIONS			
Interior length (mm)			1,840
Interior width (mm)			1,430
Interior height (mm)			1,205
Loadspace length – rear seats up (mm)			816
Loadspace max. width (mm)			1,402
Loadspace height (mm)			852
Load capacity – rear seats up, inc. beneath deckboard (l)			397 – FWD 320 – AWD-i
Load capacity – rear seats folded, up to tonneau cover (l)			350 – FWD 266 – AWD-i
Load capacity – rear seats folded, up to tonneau cover (l)			460 – FWD 401 – AWD-i
WEIGHTS			
Kerb weight (kg)			1,175-1,360
Gross vehicle weight (kg)			1,690-1,775
Towing capacity – braked (kg)			750
Towing capacity – unbraked (kg)			550
WHEELS & TYRES			
Wheels			16, 17 or 18in alloy

Tyres	16in wheel	205/65R16
	17in wheel	215/55R17
	18in wheel	215/50R18

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