

**RAV4 PLUG-IN TECHNICAL SPECIFICATIONS**

<b>2.5-litre HYBRID ENGINE</b>	
Engine code	A25A-FXS
Engine type	4 cylinders in-line
Valve mechanism	16-valve DOHC, VVT-i (intake) and VVT-i (exhaust)
Fuel injection	D4S electronic fuel injection
Displacement (cc)	2,487
Bore x stroke (mm)	87.5 x 103.48
Compression ratio	14.01:1
<b>Total system output (bhp/DIN hp/kW)</b>	<b>302/306/225</b>
Max. engine power (bhp/kW @ rpm)	182/185/136 @ 6,000
Max. engine torque (Nm @ rpm)	227 @ 3,200 – 3,700
<b>PLUG-IN HYBRID SYSTEM</b>	
<b>Electric motor (front)</b>	
Type	AC permanent magnet, synchronous motor
Max. power (kW)	134
Max. torque (Nm)	270
<b>Electric motor (rear)</b>	
Type	AC permanent magnet, synchronous motor
Max. power (kW)	40
Max. torque (Nm)	121
<b>Hybrid battery</b>	
Type	Lithium-ion
Nominal voltage	355.2
Number of modules	96
Capacity (kWh)	18.1
On-board charger (kW)	6.6
<b>TRANSMISSION</b>	
Type	Planetary gear system All-Wheel Drive- intelligent (AWD-i)
Front gear ratio	3.412:1
Rear gear ratio	10.781:1
<b>PERFORMANCE</b>	
Max. speed (mph)	112
0-62mph (sec)	6.0
EV driving range (WLTP combined cycle)	46.47 miles
<b>FUEL CONSUMPTION, EMISSIONS &amp; INSURANCE</b>	
Combined fuel consumption – weighted combined WLTP data (mpg)	282.5
Fuel tank capacity (l)	55
CO <sub>2</sub> emissions – weighted combined, WLTP data (g/km)	22
Insurance groups	36E – 37E

<b>SUSPENSION</b>		
Front		MacPherson strut
Rear		Double wishbone
Anti-roll bar diameter (mm)	Front	25.4
	Rear	23.2
<b>BRAKES</b>		
Front (diameter, mm)		Ventilated discs, 340
Rear (diameter, mm)		Ventilated discs, 317
<b>STEERING</b>		
Type		Rack and pinion, electric power steering
Ratio		14.4:1
Turns lock to lock		2.65
Min. turning radius – tyre/body (m)		5.9/6.1
<b>TYRES AND WHEELS</b>		
Wheel size		18 or 19in
Tyre size		225/60R18 235/55R19
<b>WEIGHTS</b>		
Kerb weight (min/max kg)		1,910-2,005
Towing capacity - unbraked (kg)		750
Towing capacity - braked (kg)		1,500
Gross Vehicle Weight (kg)		2,510
<b>DIMENSIONS – EXTERIOR</b>		
Overall length (mm)		4,600
Overall width (mm)		1,855
Overall height – including roof rails (mm)		1,690
Wheelbase (mm)		2,690
Front track (mm)		1,600
Rear track (mm)		1,630
Front overhang (mm)		910
Rear overhang (mm)		1,000
Ground clearance (mm)		190
Angle of approach (deg)		17.5
Angle of departure (deg)		20
Coefficient of drag (Cd)		0.32
<b>DIMENSIONS – INTERIOR</b>		
Interior length (mm)		1,890
Interior width (mm)		1,515
Interior height (mm)		1,230
<b>DIMENSIONS – LUGGAGE COMPARTMENT</b>		
Capacity – rear seats in place, loaded to tonneau cover, including space beneath deck board (l)		520
Capacity – rear seats folded, up to tonneau cover (l)		1,168
Capacity – rear seats folded, up to roof (l)		1,604