RAV4 PLUG-IN TECHNICAL SPECIFICATIONS

2.5-litre HYBRID ENGINE	
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	14.0:1
Total system output (bhp/DIN hp/kW)	**302/306/225**
Max. engine power (bhp/kW @ rpm)	182/185/136 @ 6,000
Max. engine torque (Nm @ rpm)	227 @ 3,200 – 3,700
PLUG-IN HYBRID SYSTEM	
Electric motor (front)	
Type	AC permanent magnet, synchronous motor
Max. power (kW)	134
Max. torque (Nm)	270
Electric motor (rear)	
Type	AC permanent magnet, synchronous motor
Max. power (kW)	40
Max. torque (Nm)	121
Hybrid battery	
Type	Lithium-ion
Nominal voltage	355.2
Number of modules	96
Capacity (kWh)	18.1
On-board charger (kW)	6.6
TRANSMISSION	
Type	Planetary gear system All-Wheel Drive- intelligent (AWD-i)
Front gear ratio	3.412:1
Rear gear ratio	10.781:1
PERFORMANCE	
Max. speed (mph)	112
0-62mph (sec)	6.0
EV driving range (WLTP combined cycle)	46.47 miles
FUEL CONSUMPTION, EMISSIONS & INSURANCE	
Combined fuel consumption – weighted combined WLTP data (mpg)	282.5
Fuel tank capacity (l)	55
CO_2 emissions – weighted combined, WLTP data (g/km)	22
Insurance groups	34E – 35E

SUSPENSION		
Front		MacPherson strut
Rear		Double wishbone
Anti-roll bar diameter (mm)	Front	25.4
	Rear	23.2
BRAKES		
Front (diameter, mm)		Ventilated discs, 340
Rear (diameter, mm)		Ventilated discs, 317
STEERING		
Type		Rack and pinion, electric power steering
Ratio		14.4:1
Turns lock to lock		2.65
Min. turning radius – tyre/body (m)		5.8/6.1
TYRES AND WHEELS		
Wheel size		18 or 19in
Tyre size		225/60R18 235/55R19
WEIGHTS		
Kerb weight (min/max kg)		1,930-1,995
Towing capacity - unbraked (kg)		750
Towing capacity - braked (kg)		1,500
Gross Vehicle Weight (kg)		2,510
DIMENSIONS – EXTERIOR		
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
DIMENSIONS – INTERIOR		
Interior length (mm)		1,890
Interior width (mm)		1,515
Interior height (mm)		1,230
DIMENSIONS – LUGGAGE COMPARTMENT		
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