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	19-inch
Tyre size	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

ENDS

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