

POWERTRAIN	RAV4 Plug-in Hybrid
Total system Max. power (DIN hp/ kW)	306/225
Emissions level	Euro 6d
ENGINE	2.5 HYBRID DYNAMIC FORCE
Engine code	A25A-FXS
Type	4 in-line cylinders
Fuel type	95 unleaded petrol or higher
Valve mechanism	DOHC 16-valve with VVT-iE (intake) and VVT-i (exhaust)
Fuel system	D-4S (direct and indirect injection)
Turbocharger	-
Displacement (cm ³)	2.487
Bore x stroke (mm)	87.5 x 103.4
Compression ratio (:1)	14.0 : 1
Power output (DIN hp/KW rpm)	185/136 @ 6,000
Torque (Nm @ rpm) thermic engine only	227 @ 3,200 - 3,700
Hybrid system	
Hybrid battery	Lithium-ion
Number of cells	96
Rated voltage (V)	355,2
Capacity (kWh)	18,1
On board charger (kW)	6,6
Front/Rear Motor/Generator	5NM/4NM
Type	Permanent Magnet synchronous motor
Max Voltage (V)	650V
Front /Rear Max output (kW)	134/40
Front Rear Max. Torque (Nm)	270/121

TRANSMISSION	AWD-i
Type	Planetary Gear System
Front gear ratio (:1)	3,412
Rear gear ratio (:1)	10,781

PERFORMANCE	
Max. speed (km/h)	180
Acc. 0 - 100 km/h (sec)	6,0
EV range WLTP EAER Combined (km)	75
EV range WLTP EAER City/Urban (km)	98

FUEL CONSUMPTION* l/100km	
NEDC Combined Weighted 18" & 19"	1,2
WLTP Combined UF Weighted 18" & 19"	1,0
Fuel tank capacity (l)	55

CO2 EMISSIONS* (g/km)	
NEDC Combined Weighted 18" & 19"	26
WLTP Combined UF Weighted 18" & 19"	22

**Difference is below 5gr/km, only the worst value is declared*

CHASSIS	
Front suspension	MacPherson strut
Stabiliser bar diameter (mm)	25,4
Rear suspension	Double wishbone
Stabiliser bar diameter (mm)	23,2
Steering	
Overall ratio (:1) 18"/19"	14.3:1/14.4:1
Lock to lock 18"/19"	2.76/2.65
Min. turning circle tyre/body (m) 18"	11.0 / 11.8
Min. turning circle tyre/body (m) 19"	11.4 / 12.2
Brakes	
Front (mm)	Ventilated discs (340)
Rear (mm)	Ventilated discs (317)
Tyres	225/60 R18 - 235/55 R19

EXTERIOR DIMENSIONS (mm)	
Overall length	4.600
Overall width	1.855
Overall height (with roof rail)	1,685 - 1,690
Wheelbase	2.690
Tread front 18"/19"	1605/1595
Tread rear 18"/19"	1625/1615
Front overhang	925
Rear overhang	985
Ground clearance 18"/19"	180/190
Angle of Approach (degrees)	17,5
Angle of Departure (degrees)	20
Cd Drag coefficient	0.32 to 0.33

CARGO (dm3 VDA)	
Capacity (including under deck board)	490 (520)
Rear seats down	
- up to the tonneau cover	1.168
- up to the roof	1.604

INTERIOR DIMENSIONS (mm)	
Length	1.890
Width	1.515
Height	1210/1230
Effective leg room front/rear	1,040/ 960
Shoulder room front/rear	1,470 / 1,430
Hip room front/rear	1,380 / 1,210

WEIGHT (kg)	
Curb weight min	1.910
max	2.000
Gross weight	2.510
Towing capacity braked	1.500
unbraked	750