

2012 RAV4 EV Product Information

MECHANICAL		
ELECTRIC MOTOR		
Motor Type	AC induction motor with fixed-g gear ratio 9.73 2 drive modes: Normal & Sport	·
Power Output	154 HP (115kW) MAX	
Peak Torque	Normal Mode: 218 lb-ft Sport Mode: 273 lb-ft	
Maximum Speed	Normal Mode: 85 mph Sport Mode: 100 mph	
BATTERY		
Туре	Lithium Ion (Li-ion)	
Power Output	129 kW maximum	
Voltage	386V maximum	
Onboard Charger	10 kW input	
Charger Type	SAE J1772 240V, 40A input	
Charging Time* (Standard Mode) Charging Time (Extended Mode)	40A/240V: 5 hrs 30A/240V: 6.5 hrs 16A/240V: 12 hrs 12A/120V: 44 hrs 40A/240V: 6 hrs 30A/240V: 8 hrs 16A/240V: 15 hrs 12A/120V: 52 hrs	*Charging times when vehicle is in Standard Mode and ambient temperature is at 77 degrees F. Charging times will vary with ambient temperature.
Emission Certification	Zero Emissions Vehicle (ZEV)	
EPA ESTIMATES		
MPGe	78/74/76 city/highway/combined	d MPGe
Driving Range	103 miles	

CHASSIS AND BODY	
Drivetrain	Front-wheel drive
Body Construction	Unitized body
Suspension	Independent MacPherson strut front suspension with stabilizer bar and hydraulic shock absorbers; double wishbone rear suspension with coil springs, trailing arms, stabilizer bar and hydraulic shock absorbers



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CHASSIS AND BODY	
Starting System	Electronic Push-Button Start System
Steering	Electric Power Steering (EPS) Power-assisted rack-and-pinion
Brakes	Power assisted ventilated front disc brakes and solid rear disc brakes and Star Safety System™

EXTERIOR DIMENSIONS	
Wheelbase	104.7 in.
Overall Length	180.1 in.
Overall Width	71.5 in
Overall Height	66.3 in
Track (front/rear)	61.4 in./61.4 in.
Minimum Running Ground Clearance	5.9 in.
Coefficient of drag	0.30
Tires Tire Repair Kit (no spare)	P225/65R17 All-Season steel belted radial blackwalls

INTERIOR DIMENSIONS	
Headroom front, rear (in)	40.8 / 39.7
Legroom front, rear (in)	41.8 / 38.3
Shoulder Room front, rear (in)	57.1 / 55.3
Hip Room front, rear (in)	53.8 / 52.4

WEIGHTS AND CAPACITIES	
Curb Weight (lbs.)	4032
Seating capacity	5
Passenger volume (cu. ft.)	108.2 (FR/RR: 57.4 / 50.8)
Cargo Volume (cu. ft.)	73.0 / 37.2 (behind front / second row)
Gross Vehicle Weight Rating (lbs.)	5005
Battery capacity (kWh)	41.8
Battery Weight (lbs.)	845.5

WARRANTY COVERAGE

- 5-year/60,000-mile Powertrain
- 8-year/100,000-mile Battery