



## 2026 Ram 1500 Ramcharger SPECIFICATIONS

*Specifications are based on the latest product information available at the time of publication.  
All dimensions are in inches (millimeters) unless otherwise noted.  
All dimensions measured at curb weight with standard tires and wheels.*

### GENERAL INFORMATION

Vehicle Type	Crew Cab 4x4
Assembly Plant	Sterling Heights Assembly Plant, Michigan
EPA Vehicle Class	Medium Duty Passenger Vehicle (GVW<=10k lbs)
EPA Fuel Economy estimated (MPGe/combined mpg)	60 / 20

### PERFORMANCE DATA

0-60 target	4.5 seconds
Top speed (limited)	114 mph
Horsepower	647 hp
Peak Torque	610 lb.-ft. @350v
Total range estimated	690 miles
Electric range estimated	145 miles
Payload target	2,625 pounds
Towing capacity	14,000 pounds

### BODY/CHASSIS

Model	4x4
Layout	Longitudinal, front generator, dual e-motor
Construction	STLA Frame, ladder-type, steel body

### BATTERY

Type and Description	400-volt, 91.8kWh
Usable energy	69.7kWh
Usable range	16.75% to 97%
Module	12 - 130.3 Ah-modules @590 (8S2P)
Cell configuration (parallel, series)	Pouch 96S 2P
Max current	1200



## BATTERY (CONTINUED)

Chemistry	Lithium-ion, nickel manganese cobalt cathode, graphite with silicon monoxide anode
Cooling	Liquid
Dimensions	1730 x 1250 x 292 mm
Weight	1216 pounds (550 kilograms)
Charging times target	Level 1 (120 V) Approx 45 hours Level 2 included (240 V) –Appx. 8 hours for full charge @ 11kw DC Fast Charge – Appx. 45 min (20-80%) @ 350kW max

## GENERATOR ENGINE

Engine	3.6-liter Pentastar V6, 60-degree gasoline with variable valve timing
Displacement	220 cu. in. (3,604 cu. cm)
Bore x Stroke	3.78 x 3.27 (96.0 x 83.0)
Valve System	Chain-driven DOHC, 24 valves and hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multiport
Construction	Aluminum deep-skirt block, aluminum alloy heads
Compression Ratio	11.3:1
Horsepower	271 hp (202kW) @ 5,800 rpm
Torque	226 lb. -ft. (311 N•m) @ 4,100 rpm
Max. Engine Speed	5,800 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane
Oil Capacity	5.0 quarts (4.73 liters)
Coolant Capacity	14.0 quarts (13.25 liters)
Fuel tank capacity	27 gallons
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors

## GENERATOR

Construction	3 phase permanent magnet
Output	202 kW peak/130kW continuous
Nominal voltage	300 Vdc
Regeneration efficiency	95.9%



## FRONT MOTOR

Construction	AC Permanent magnet
E-motor output	250kW/420 Nm @ 350 V
E-motor rating	250 kW peak/186 kW continuous
Differential	Open with axle disconnect capability
Final drive ratio	15:1 Coaxial

## REAR MOTOR

Construction	AC Permanent magnet
E-motor output	248kW/420Nm @ 350 V
E-motor rating	248kW peak/149kW continuous
Differential	Open (e-locker available)
Final drive ratio	15:1 Offset

## SUSPENSION

Front and Rear	Four-wheel independent air suspension, upper and lower A-arms
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## BRAKES

Front	
Size and Type	8-lug hub, 14.17 x 1.54 (359.9 x 39.1) disc with twin-piston pin-slider caliper and ABS
Rear	
Size and Type	8-lug hub, 14.09 x 1.34 (357.9 x 34.0) disc with twin-piston pin-slider caliper and ABS
Power-Assist Type	Variable electric boost

## AIR BAGS (6)

Forward driver and front passenger
Driver, front passenger and rear passenger side curtain
Driver and front passenger side bolster

## STEERING

Power Assist	Electric
Ratio	16.2: 1
Steering wheel turns lock to lock	3 rotations
Turning diameter	49.4 ft



## CARGO BOX

Box size	5 ft., 7 in.
SAE Volume, cu. ft. (cu. m)	53.8 (1.5)
Length at Floor, Tailgate Closed	67.4 (1,711)
Cargo Width	66.4 (1,687)
Distance Between Wheelhouses	51 (1,295)
Depth	21.4 (543)
Tailgate Opening Width	60 (1,525)

## EXTERIOR DIMENSIONS

Tire size	LT275/60R20 LT275/50R22 (Optional)
Wheelbase	144.6 (3,672)
Track, Front	68.5 (1,740)
Track, Rear	68.0 (1,727)
Overall Length	232.4 (5,903)
Overall Width	81.2 (2,062)
Overall Height	77.4 (1,968)
Body width	81.2 (2,062)
Overall height (Air suspension Normal)	77.3 (1,963)
Sill step height (Air suspension Normal)	22.9 (580)
Tailgate load height (Air suspension Normal)	33.5 (852)
Ground clearance	
Air suspension Normal	9.0 (228)
Air suspension Low	8.5 (216)
Front axle clearance (Air suspension Normal)	8.6 (218)
Rear axle clearance (Air suspension Normal)	9.5 (242)
Approach angle (Air suspension Normal)	19.9°
Departure angle (Air suspension Normal)	19.8°
Frontal area sq. ft.	37.0
Drag coefficient (Cd)	0.352
Aero CdA sq. ft.	13.02



## WEIGHT

Front (lbs./kg)	4,412 / 2,001
Rear (lbs./kg)	3,095 / 1,404
Total (lbs./kg)	7,507 / 3,405

## INTERIOR DIMENSIONS

### ACCOMMODATIONS (Model, Seating Capacity, F/R)

#### FRONT

Seating	3/3 or 2/3
Headroom	40.9 (1,038)
Legroom	40.9 (1,040)
Shoulder Room	65.9 (1,675)
Hip Room	62.9 (1,598)

#### REAR

Headroom	39.8 (1,010)
Legroom	40.2 (1,022)
Shoulder Room	65.6 (1,666)
Hip Room	62.7 (1,593)

#### INTERIOR VOLUME

Front — cu. ft. (cu. m)	63.9 (1.8)
Rear — cu. ft. (cu. m)	60.7 (1.7)

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