

Description

12V 60A DC-DC battery charger efficiently charges house batteries from vehicle starter batteries, supporting AGM, Flooded, Gel, and Lithium types. Smart 3-stage charging (Bulk, Boost, Float) ensures optimal and automatic charging while protecting the starter battery.

Designed for a variety of mobile applications, it installs easily on RVs, commercial vehicles, boats, and yachts, providing reliable and safe power management in any condition.

Key Features

Smart 3-Stage Charging

Efficiently and automatically charges from the vehicle starter battery, maintaining optimal battery performance.

Broad Battery Compatibility

Supports AGM, Flooded, Gel, and Lithium batteries, and works with both traditional and smart alternators.

Integrated Electronic Protections

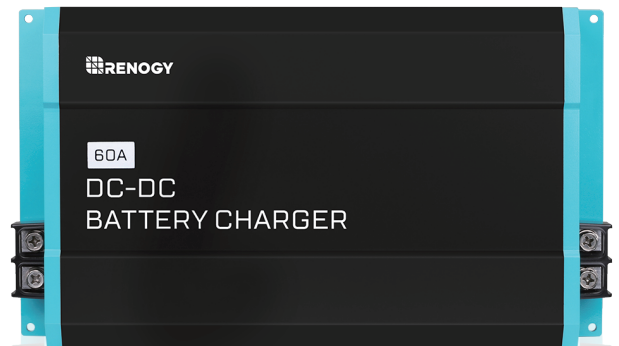
Includes overvoltage, overcurrent, short circuit, and overtemperature safeguards.

Isolated Input and Output

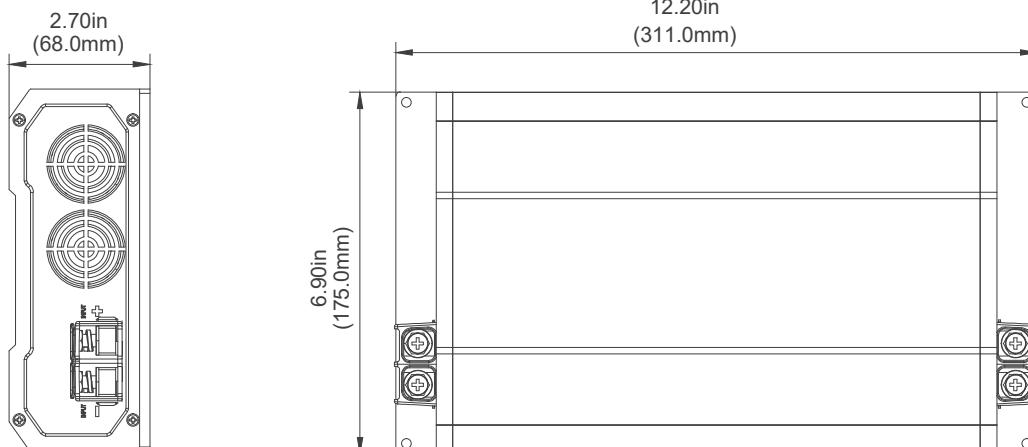
Incorporates advanced safety technology to ensure reliable and secure charging for your house batteries.

Compact & Durable Design

CE-certified construction suitable for RVs, marine, commercial vehicles, and mobile power systems.



Product Dimensions



Technical Specifications

Electrical Data

Model	RNG-DCC1212-60
Battery Type	AGM, GEL, FLD, LI
System Voltage	12V
Rated Charge Current	60A
Rated Charge Power	750W
Alternator Input Voltage Range	8V to 16VDC
Output Voltage Range	8V to 16VDC
Max Charging Efficiency	90%
Self Consumption	<0.4A

General Data

Communication	/
Storage Temperature Range	-13°F to 122°F / -25°C to 50°C
Humidity Range	0% to 95% RH (No Condensation)
Terminal Size	M6 x 10mm
Terminal Torque	2.2–2.6 lbf-in / 24.5–29.4N-cm
Cooling	Natural Cooling
Ingress Protection	IP20
Altitude	3,500m
Dimensions	12.2 x 6.9 x 2.7in / 311 x 175 x 68mm
Weight	5.3 lbs / 2.4kg
Certification	CE, R10, RCM
Warranty	2-Year
Package Contents	60A DC-DC Battery Charger x1
	User Manual x1

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These data sheets can be found in the downloads section of our website, www.renogy.com.