

Description

REGO 12V 60A DC-DC Battery Charger features bidirectional charging technology to manage power between the starter battery and auxiliary battery. The charger supports charging auxiliary batteries while driving and maintaining the starter battery when auxiliary batteries are fully charged.

The battery charger is compatible with multiple 12V battery types and both traditional and smart alternators. A four-stage charging profile and comprehensive protection mechanisms support safe and stable operation in mobile power systems.



Key Features

■ Supports Bidirectional Charging

Maintains stable power flow between starter and auxiliary batteries for reliable energy management.

■ Compatible with Multiple Battery Types

Works with traditional and smart alternators and various 12V batteries for flexible system integration.

■ Four-Stage Charging Profile

Bulk, Boost, Float, and Equalization stages help extend battery service life.

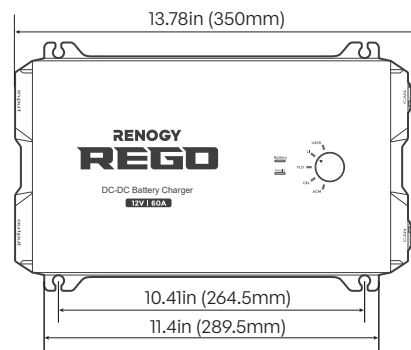
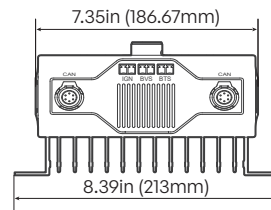
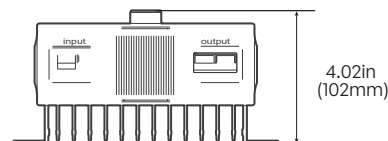
■ Simplified Installation

Anderson connectors and a mechanical selector knob reduce wiring complexity and simplify battery selection.

■ Provides Electronic Protections

Includes overvoltage, overtemperature, and reverse polarity protection to support safe operation.

Product Dimensions



Recommended Accessories



Renogy One Core (RSHGWSN-WO2W)

An all-in-one solution for local/remote energy monitoring and analysis.

Technical Specifications

Electrical Specifications

Model	RBC1260DO-12B
System Voltage	12V
Rated Charge Power	800W
Rated Charge Current	60A
Input Voltage Range	10V to 16V DC
Output Voltage Range	10V to 16V DC
Alternator Input	Traditional Alternator: 13.5V to 16VDC Smart Alternator (Euro 6): 12.5V to 16VDC
Supported Battery Type	SLD/AGM, GEL, Flooded, LI, USER
Charge Conversion Efficiency	≥94%
Temperature Compensation	-3mV/°C/2V
No-Load Current Consumption	≤50mA

Mechanical Specifications

Grounding	Common Negative
Terminal Size/Type	Anderson PP75
Terminal Range	6AWG to 8AWG
Operating Temperature Range	-4°F to 140°F / -20°C to 60°C
Storage Temperature Range	-31°F to 149°F / -35°C to 65°C
Humidity	0%-95%, No Condensation
IP Rating	IP43
Communication	RV-C, Built-In Bluetooth, RS-485
Installation Method	Surface Mounting
Cooling	Natural Cooling
Operating Altitude	≤3,500m
Dimensions (LxWxH)	13.78 x 8.39 x 4.02in / 350 x 213 x 102mm
Weight	7 lbs / 3.12kg
Certifications	CE, R10, UKCA, UL, CSA, RCM, TELEC
Warranty	5-Year

Package Contents

Battery Temperature Sensor	Yes (x1)
IGN Signal Wire	Yes (x1)
Screws	Yes (x4)
Quick Guide	Yes (x1)

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