

# REGO

## 12V 60A DC-DC Battery Charger

The REGO 12V 60A DC-DC Battery Charger provides easy set up and reliable battery charging for mobile applications. It features exclusive bidirectional charging technology that charges your house batteries from the starter battery when you're on the go and recharges and maintains your starter battery when the house batteries are full. This valuable feature can keep you from getting stranded by a drained starter battery. The convenient battery type selector knob makes setting the charger for the proper battery type simple. The charger is pre-set with the charge setting and protections to charge your batteries efficiently and safely. The DC-DC battery charger is also compatible with smart and standard alternators and batteries. With the integrated Bluetooth connectivity, monitoring and controlling the charger from your smart phone is easy using the Renogy DC Home app.



### Key Feature

- Exclusive bidirectional charging technology, keep you from getting stranded.
- Plug and Play terminals for easy connection with system
- Built-in Bluetooth allows monitoring and control using smartphone app
- Designed to perform in extreme heat and cold
- Compatible with Most Battery Types with Easy Set Up

### Product Specification

#### GENERAL DATA

Model	RBC1260DO-12B
Terminal Size	Anderson PP75
Terminal Range	8AWG - 6AWG
Grounding	Common Negative
Communication Protocol	Modbus ; RV-C
Operating Temperature Range	-4 °F ~ 140 °F / -20 °C ~ 60 °C
Storage Temperature Range	-31 °F ~ 149 °F / -35 °C ~ 65 °C
Humidity	0%-95%, No Condensation
Maximum Operating Altitude	NA
Enclosure Rating	NA
Dimensions	13.78 x 8.39 x 4.02 inch / 350 x 213 x 102 mm
Weight	7 lbs / 3.12kg
Certification	CB ; FCC ; CE ; UKCA ; MIC
Warranty	5 Years
Protection	Surge Protection/Short Circuit Protection/Reverse Polarity Protection/Overvoltage Protection/Over Discharge Protection/Overcurrent Protection/Over Temperature Protection/Overcurrent Protection/Open Circuit Protection

## ELECTRICAL DATA

System Voltage	12V-12V
Input Voltage	10 -16V DC
Output Voltage	10 -16V DC
Alternator Input	Traditional Alternator: 13.5-16.0VDC Smart Alternator (Euro 6): 12.5-16.0VDC
Maximum Output Current Rating	60A
Output Power	800W
Battery Types	SLD/AGM, GEL, FLD, USER
Input Fuse Rating	90A
Output Fuse Rating	80A
Charging Efficiency	≥94%
Temperature Compensation	-3mV / °C / 2V (Non-Lithium) 0mV / °C / 2V; no compensation (Lithium)
Idle Power Consumption	≤50 mA

## BATTERY CHARGING DATA

Battery TYPE	AGM/SLD	GEL	FLD	LI	USER
OverVolts Shutdown	16.0V	16.0V	16.0V	16.0V	16.0V
OverVolts Limit	15.5V	15.5V	15.5V	14.8V	15.5V
Equalization Voltage	--	--	14.8V	--	14.6V
Boost Voltage	14.6V	14.2V	14.6V	14.4V	14.2V
Float Voltage	13.8V	13.8V	13.8V	--	13.8V
Boost Return Voltage	13.2V	13.2V	13.2V	13.6V	13.2V
Low Voltage Reconnect	12.6V	12.6V	12.6V	12.8V	12.6V
Under Voltage Warning	12.0V	12.0V	12.0V	12.0V	12.0V
Low Voltage Shutdown	11.1V	11.1V	11.1V	11.4V	11.1V
Boost Duration	120min	120min	120min	--	120min
Equalization Duration	--	--	120min	--	120min

## Compatible Accessories

Alternator Input	Battery Temperature Sensor (Model: RTSCC) Battery Voltage Sensor (Model: RVSCC)
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