

REGO 12V 3000W Pure Sine Wave Inverter Charger

The REGO 12V 3000W inverter charger combines the inverter and battery charger into one complete powerful solution. 3000W continuous pure sine wave AC output and peak power up to 9000W, allows you to power most heavy-duty appliances easily. The inverter charger transforms the DC power stored in the battery bank into standard household AC power. It also recharges popular 12V house batteries, including lithium, when AC power is available. Built-in Bluetooth connectivity allows you to easily monitor and manage the inverter charger using your smartphone with the Renogy DC Home App. The REGO inverter charger is a perfect backup power source to provide uninterrupted power for your RV without having to worry about losing access to the connected devices and appliances.



Key Feature

Powerful Output with a Conversion Efficiency Greater than 90%

Ready for Any Kind of Popular Type of Battery and Available for Customizing Charging

Built-in Bluetooth Connectivity Allow Remote Monitoring via Renogy DC Home App

4-stage Charging Ensures the Battery Can be Efficiently and Automatically Charged to 100% and Maximize the Battery Lifespan

Comprehensive Protections with International Certifications Ensuring Ultra Safety

Product Specification

INVERTER SPECIFICATION

Continuous Power	3000W
Surge Power	9000W
AC Output Voltage Range	100~120VAC configurable, 5V interval
Output Frequency (Nominal)	50/60 Hz \pm 0.1%
Output Waveform	Pure Sine Wave
Efficiency	> 90%
No Load Current Draw	Normal: <30W Power Saving: <15W

CHARGER SPECIFICATIONS

Output Current	5-75A configurable, 5A intervals
Optimal Efficiency	>85%
Nominal Input Voltage	120 VAC
Input Voltage Range	90-138 VAC
Input Frequency Range	40Hz - 70Hz
Input Wave Form	Sine Wave (Utility or Generator)

TRANSFERSWITCH SPECIFICATIONS

Transfer Time	~ 10ms
Transfer Rating	30A Continuous, 40A Maximum

General Specification

Battery Types	GEL, AGM, SLA, FLD, CAL, LI, USER
Noise	<50dB
Operating Temperature	-20-40°C/-4-104°F
Dimensions	20.1 x 11.2 x 7.6 in / 510 x 285 x 193 mm
Storage Temperature	-30 ~ 70°C / -22 ~ 158°F
Weight	63.5 lbs / 28.8 Kg
Humidity	0% ~ 95%
Certifications	FCC Class A Part 15 Compliant, UL458 (including Marine supplement), CSA-C22.2 No 107.1

Warranty

Inverters	2 year
Accessories	1 year