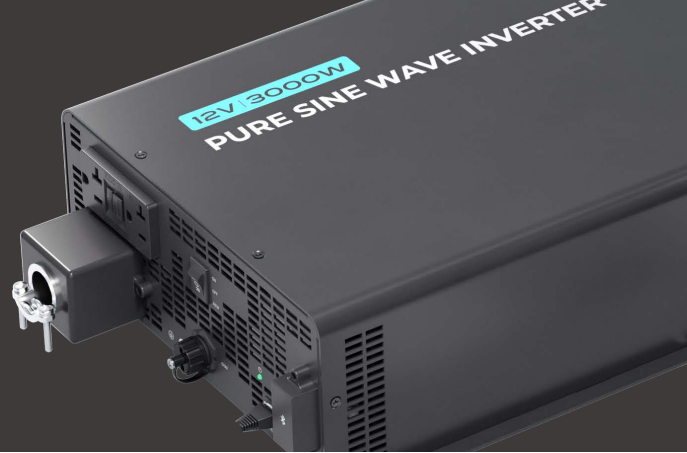




12V PURE SINE WAVE INVERTER

PRO



RENOGY PRO SERIES 12V PURE SINE WAVE INVERTER

RENOGY 12V 3000W Pro Pure Sine Wave Inverter converts direct-current power stored in 12V batteries into usable alternating current (AC) power for appliances. Compatible with diverse lithium and lead acid batteries, the inverter delivers two plug-and-play AC outlets and one DIY AC outlet for offgrid applications, providing stable power for applications that are sensitive to AC voltage variations. As a pure sine wave inverter, it is capable of producing cleaner, smoother, quieter, and more reliable electricity to operate tools, fans, lights, and other electronics without any interference.

KEY FEATURE

- Continuous power 3000W, peak power boosts to 6000W for inductive loads, THD < 2%.
- Pre-charging, safeguarding battery from peak current surges.
- Dual-polarity reverse connection(RC)protection, guards against misconnection damage.
- Intelligent ecosleep mode conserves energy, idle consumption < 10W.
- Bluetooth & RV-C (with Renogy M1) for real-time monitoring, with 3-year warranty.
- Two high-speed ventilation fans to help keep the inverter running at a low temperature.
- Includes wired remote control and RJ12 Ethernet cable.

TECHNICAL SPECIFICATIONS

General

Model	RIV1230P2-126
Continuous Power	3000W
Normal Input Voltage	12 VDC
Input Voltage (Full Load)	11-15.5 VDC
Nominal output Voltage RMS	120 VAC \pm 3%
Peak power (100ms)	6000W
Output Frequency	60Hz \pm 0.3Hz
Peak Efficiency	\geq 90%
Full-load Efficiency	\geq 87%
Output Wave Form	Pure Sine Wave
AC Output Sockets	2* AC Sockets + 1 DIY AC Terminal
Short Circuit Protection	Software Protection
THD	<3% (Resistance load)
Standby power consumption	<2.5A
No load power Consumption (Sleep)	Normal:<10 W
Overload Capacity	\geq 1min @120%; \geq 5s @150%; \geq 100ms @200%
Operating Temperature Range	Full load: -20 °C ~ 40 °C; Down load: 40 °C~ 50 °C
Storage Temperature	- 40 °C ~ 70 °C
Humidity	0% ~ 95%
Noise	<55dB
Dimensions	20.82 x 10.35 x 4.12 in
Weight	6 kg (13.228lb)

Wired remote control

Dimensions	2.8 x 4.3 x 1.3 in / 70 x 110 x 31.8 mm
Wire length	Approx 16.4ft