



PURE-SINE WAVE BATTERY INVERTER



RENOGY (ETL LISTED) 12V OFF-GRID PURE-SINE WAVE BATTERY INVERTER

The Renogy 12V Pure Sine Wave Inverter is a great addition to any off-grid solar power system. A power inverter is an electrical device that transforms the DC power stored in a battery bank into standard household AC power for a user's electronic needs. The Pure Sine Wave Power Inverter delivers superior performance for off-grid 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.

- Optimized for 12 VDC system voltage.
- Offers high quality waveform with little harmonic distortion.
- Overload protection for both DC input and AC output to prevent damage to the components and the unit.
- Special LED indicators for under-voltage and over-voltage protection, over-temperature protection, over-load protection, and short circuit indication.
- Two high-speed ventilation fans to help keep the inverter running at a low temperature.
- Includes Inverter Cables to connect the inverter to battery. (Not included in 3000W)
- Includes wired remote control

Model Option **700W 1000W 2000W 3000W**



Remote Switch



Inverter Cable

SPECIFICATION

Model	700W	1000W	2000W	3000W
Input	12V DC			
Output	115V AC			
Peak surge	1400W	2000W	4000W	6000W
Efficiency	> 90%			
Frequency	60Hz			
Total harmonic distortion (THD)	< 3%			
No load current draw	< 0.8A	< 1.0A	< 2.0A	< 2.5A
Battery low alarm	10.5V ± 0.5V DC			
Battery low shutdown	10.0V ± 0.5V DC			
Over voltage shutdown	16.5V ± 0.5V DC			
Cooling fan	Thermally controlled			
AC output sockets	2	2	3	3
USB power port	5V/2.1A			
Power output control	AC On/Off Switch			
Dimensions	12.5 × 7.0 × 3.0 in.	13.0 × 7.0 × 3.0 in.	17.5 × 8.7 × 3.7 in.	9.0 × 8.7 × 3.8 in.
Net weight (approximate)	5.6 lb	6.0 lb	11.7 lb	12.5 lb