



PURE SINE WAVE OFF GRID INVERTER



Overview

Legion Solar LS-PSW3000 Pure Sine Wave Off Grid Inverter is used to supply grid compatible AC power from 24V lithium and sealed lead acid batteries. Coupled with the Off Grid Controller, the Off Grid Inverter senses when grid power goes down and automatically supplies power to the Off Grid Inverter for use with appliances rated up to 3000 Watts. Have peace of mind for you and your family in any emergency.

Parameter	Value
Continuous power	3000 Watts
Peak power	6000 Watts
Input	21-27VDC
Output	120VAC 60Hz or 230V 50Hz
Efficiency	> 90%
Waveform	Pure Sine Wave
Plugs	Type B, USB
Protection	Low voltage alarm 20.5V, over load, short circuit, reverse polarity, over temperature > 65°C
Static current	< 0.85A
Dimensions	15.8 x 8.5 x 3.5 in (403 x 216 x 88 mm)
Weight	15.4 lbs (7kg)



Pure Sine Wave for maximum compatibility with appliances



Aluminum body heatsink



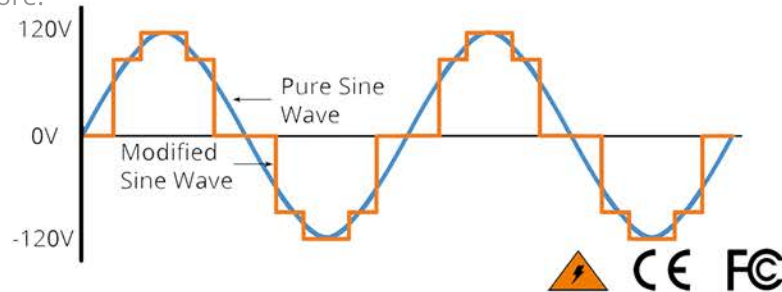
Solid-state design with soft start



5 year limited warranty

Pure Sine Wave Advantage

Our off grid inverters outperform most other inverters. Our output waveform is pure without the rough edges seen on modified sine wave inverters. This results in very low harmonic distortion and cleaner power delivery. Pure sine wave inverters reduce noise in fans, audio amplifiers, TVs, wireless equipment, florescent lights and more.



DS LS-OffGridInverter V1.1

*This datasheet is subject to change without prior notice.