



GLOBAL LF SERIES PURE SINE WAVE INVERTER CHARGER



Part # **PICGLF15W12V120V**

1500 Watt Pure Sine Inverter Charger with Built in Solar Charge Controller

This low frequency inverter charger is one of the most versatile inverters available today. This unit has all the features you need for any application. This inverter charger, has a built in MPPT solar charge controller. This unit is built on a very reliable low frequency platform. The low frequency transformers in this pure sine wave inverter will give this unit a longer service life, when compared to a cheaper high frequency model.

Features:

- 1500 watt low frequency inverter
- 4500 watt surge for 20 seconds -3x surge capability
- Battery Priority Selector
- Terminal Block
- GFCI
- Marine Coated and Protected
- Multi Stage Smart charger
- 60 Amp MPPT solar charge controller - PV in 15-30Vdc
- remote panel available
- auto gen start
- auto frequency
- 10msec typical transfer time
- optional 25W power save mode
- 7 battery type settings for charger

Specifications:**Inverter Output Specifications:**

Continuous Output Power:	1500 Watts
Surge Rating:	4500 Watts (20 Seconds)
Output Waveform:	Pure Sine/Same as input (Bypass Mode)
Nominal Efficiency:	>88% (Peak)
Line Mode Efficiency:	>95%
Output Frequency:	50Hz +/- 0.3Hz / 60Hz +/- 0.3Hz
Typical Transfer Time:	10ms (Max)
THD:	< 10%

DC Input Specifications:

Nominal Input Voltage:	12.0Vdc
Minimum Start Voltage:	10.0Vdc
Low Battery Alarm:	10.5Vdc-11.0Vdc
Low battery Trip:	10.0Vdc-10.5Vdc
High Voltage Alarm:	16.0Vdc
Low battery Voltage Restart:	15.5Vdc
Idle Consumption:	<25W when Power Saver on

Charger Specifications:

Output voltage:	Depends on battery Type
Charger Rate:	45A

Solar Charge Controller Specifications::

Rated Voltage:	12V
Input Voltage Range:	15-30Vdc
Rated Charge Current:	60A
Rated Output Current:	15A
No Load Current:	< 10mA
Bulk Charge:	14.5V (default)
Floating Charge:	13.5V (default)
Equalization Charge:	14.0V (default)

Dimensions:

Unit Weight:	49 lbs.
Unit Size L x W x H:	23.54 x 8.59 x 7.05 inches
Shipping Weight:	53 lbs.
Shipping L x W x H:	29.13 x 12.40 x 11.81 inches