



Pure Sine Wave 120 VAC (2kVA)



The La Marche **PureWave**, Pure Sine Wave inverter built with CSA and UL compliance, which makes this Inverter / Charger ideal for the Marine market. The LCD display allows to monitor and configure the system, making it a flexible Inverter / Charger for various types of loads and batteries. Its surge capability allows it to start complex loads, everything in a light and compact enclosure.

Standard Features

120 VAC Output

12 or 24 VDC Input

LCD Display

LED Indicators

- Solid Green • Output is powered by shore power
- Solid Green • Output is powered by battery
- Solid Red • Fault occurs in the inverter
- Flashing Red • Warning condition occurs in the unit

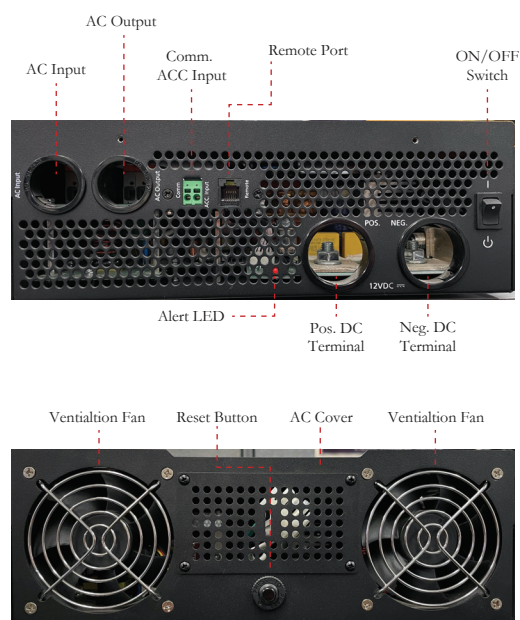
Built in Charge

Pure Sine Wave

>90% Efficiency

Wall Mount

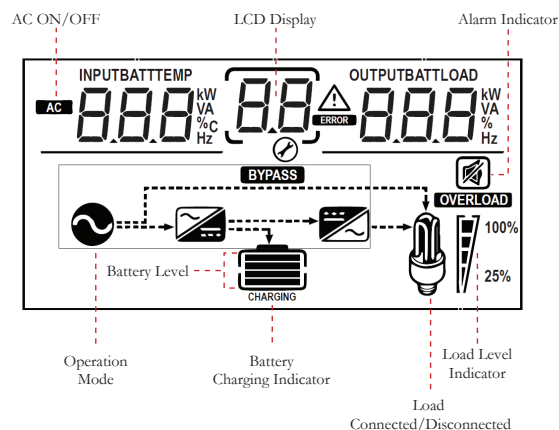
UL 458



Transfer Times

Shore to Inverter <15 ms

Inverter to Shore <10 ms



Specifications

MI-2K-12V-A6		MI-2K-24V-A6	
DC Input			
Nominal DC Input Voltage	12 VDC		24 VDC
Normal Range DC Input Voltage Range	11 - 17 VDC		22 - 30 VDC
DC Under Voltage Shutdown Level	10.5 VDC (Default)		21 VDC (Default)
DC Under Voltage Shutdown Recovery Level	13.1 VDC (Default)		26.2 VDC (Default)
DC Over Voltage Shutdown Level	18 VDC		32 VDC
AC Output			
Output Voltage Waveform	Pure Sine Wave		
Nominal AC Output Voltage	120 VAC L-N		
Total Harmonic Distortion Voltage (% THD)	< 5% THD of Fundamental (Voltage) < 10% THD Full Input Voltage Range (Full Load) < 20% for 230V Model when DC Input is in Range 16-18VDC		
Output Frequency	60 Hz $\pm$ 1 Hz		
Continuous Output Power	Rated Power (-20°C to 40°C) 2000 W / 2000 VA	Ambient Temperature at Full Load 40°C	Derated Power at Maximum Ambient (60°C) 1700 W
Surge Output Rating	$\geq$ rated power for 5 seconds (50s @ $\geq$ 200% load; 10s @ 120% load)		
Load Power Fact	0.6 to 1.0 (lead or lag)		
Optimum Efficiency	>91%		
No Load Power Consumption @ Nominal Voltage	<25 W		
SPS Off Power Consumption @ Nominal Power	<0.5 W		
AC Input			
AC Input Voltage	120 VAC $\pm$ 2 V		
AC Input Voltage Range	85 - 140 VAC		
Normal Operating AC Input Voltage Range	100 - 130 VAC		
AC Input Frequency	60 $\pm$ 5 Hz (Default), 50 $\pm$ 5 Hz		
Mechanical Specification			
Dimensions (L x W x H) / Weight	14.6 x 10.9 x 4.0 inches or 370 x 275 x 100 mm / 14.8 lbs. or 6.7 kg		
Environmental			
Operating Ambient Temperature Range	-20 to 40°C		
Maximum Operating Temperature	+60°C		
Storage Temperature Range	-40 to 95°C		
Relative Humidity	5% ~ 95% non-condensing		
Cooling	Force Cooling		
EMC and Safety	ITS listed and c(ETL)us marked complies with CSA C22.2 No. 107.1, UL458 with marine supplement (optional drip shield required) ABYC E-11, A-31, A-32		
Electromagnetic Compatibility	Complies with FCC Part 15, Subpart B, Class B and with CAN ICES-3 (B) Emissions		

