

## Product Features:

- Standard 19"/23", 2U Rackmount
- 1kVA/800 Watts
- 2 kVA/1600 Watts
- High Efficiency
- Pure Sine Wave Output
- Low EMI/RFI Interference
- Utility Bypass Function
- Intelligent Microprocessor-Based Control
- UL/cUL Approved
- RS-232 Communication
- SNMP Communication Option
- User-Friendly LCD and LED Displays
- Intelligent Software for Power Management
- Internal "Over Temperature" Protection
- Input Reverse Polarity Protection
- Battery High/Low Voltage Protection
- Output Overload Protection

## Applications:

- Telecommunications Equipment
- Networking Equipment
- Utility Control
- Fire Alarm Systems
- Building Management Systems
- Mission Critical Inter-Agency Communication

## Majorsine Series International Telecom Inverters



## Product Overview

Majorsine Inverters feature the integrated utility bypass, and can be cascaded for redundancy. Designed for long Mean Time Between Failure, these inverters provide the dependable AC power that your networks demand.

The compact 2 rack U mounting package makes this model the right selection for limited space applications.

Majorsine Inverters are designed and built for full reliability at any location. These intelligent, dependable inverters provide economical AC power for all your network needs.

## Options

SNMP Communication Option.  
Remote monitoring is a prime consideration and requirement to manage multiple network elements from a central location. Remote access as easy as; installing the plug-n-play card, configuring your network IP address, and attaching the network interface cable.



## Specifications

	MAJORSINE1000i-48-2U	MAJORSINE2000i-48-2U
<b>DC Input</b>		
Voltage	40-60 VDC	40-60 VDC
Rated Current	25 Amps	50 Amps
Protection	Fuse and DC Breaker	Fuse and DC Breaker
Efficiency	>85% (full linear load), 48 VDC I/P, 230 VAC O/P	>85% (full linear load), 48 VDC I/P, 230 VAC O/P
<b>Output (Backup)</b>		
Capacity	1KVA / 800W	2KVA / 1600W
Voltage	208, 220, 230, 240 VAC	208, 220, 230, 240 VAC
Voltage Regulation	±2%	±2%
Frequency	50/60Hz ± 0.2Hz	50/60Hz ± 0.2Hz
Wave Form	Pure Sine Wave	Pure Sine Wave
THD (linear load)	<3% 120 V/100%	<3% 120 V/100%
THD (SPS load)	<5% 120 V/100%	<5% 120 V/100%
Crest Factor	3:1	3:1
Receptacles	(4) IEC 320 outlets – C13	(4) IEC 320 outlets – C13
<b>Utility Power (Bypass)</b>		
Voltage	Nominal 230 VAC	Nominal 230 VAC
Frequency	50/60± 5 Hz	50/60± 5 Hz
Protection	AC Circuit Breaker	AC Circuit Breaker
<b>Interface</b>		
Communication	SNMP / RS232 / Dry-contact	SNMP / RS232 / Dry-Contact
LED Display	Inverter ON Overload DC Abnormal Fault	Inverter ON Overload DC Abnormal Fault
LCD Display	Inverter ON Output Voltage & Frequency Input Voltage Load Percentage DC Voltage System Model Internal Environment Temp. Utility status Short circuit Over Temp.	Inverter On Output Voltage & Frequency Input Voltage Load Percentage DC Voltage System Model Internal Environment Temp. Utility status Short circuit Over Temp.
<b>Protection</b>		
Short	For 1 second; Switch to Bypass, then shutdown	For 1 second; Switch to Bypass, then shutdown
Overload	105-125% for 3 minutes 126-150% for 3 seconds; >150% for 1 second; Switch to bypass	105-125% for 3 minutes 126-150% for 3 seconds >150% for 1 second; Switch to bypass
Temperature	55±5°(Inside the case)	55±5°(Inside the case)
<b>Environment</b>		
Operating Temperature	0° to 50° C	0° to 50° C
Storage Temperature	-20° to 70° C	-20° to 70° C
Humidity	0° - 90°C Relative Humidity (Non-Condensing)	0° - 90°C Relative Humidity (Non-Condensing)
Acoustic Noise	46 dBA @ 1 M	46 dBA @ 1 M
<b>Safety</b>		
Safety	CE Approved	CE Approved
EMI / RFI	FCC Class A	FCC Class A
<b>Mechanical</b>		
Dimensions	17.32"W x 11.81"D x 3.46"H (440x300x88mm) 2U Rackmount	17.32"W x 11.81"D x 3.46"H (440x300x88mm) 2U Rackmount
<b>Weight</b>	7kg / 15.4 lbs	8kg / 17.6 lbs