

Major+ International Series Advanced Telecom Inverter

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

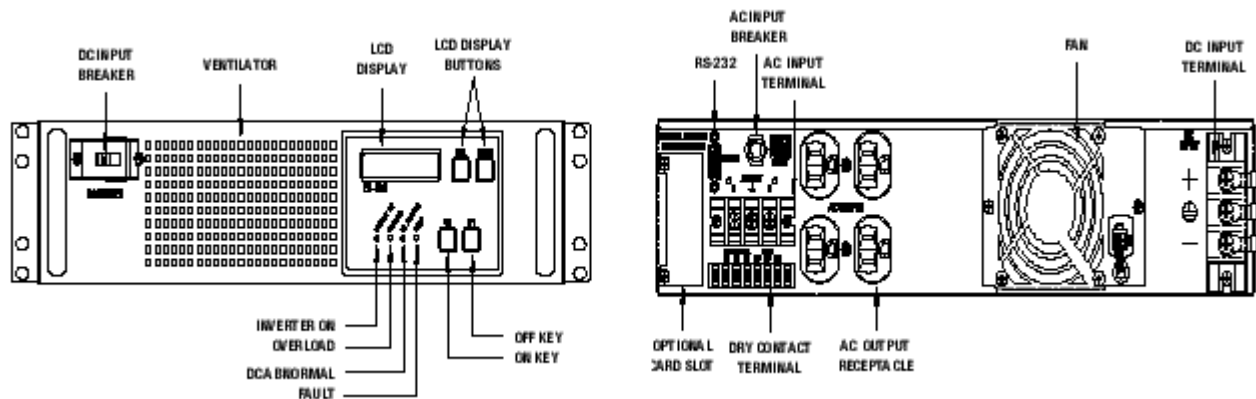
Major+ Inverters feature a built in utility bypass, and can be cascaded to be redundant. Built for long Mean Time Between Failure, these inverters provide the dependable AC power that your networks demand.



Product Features

- Standard 19"/23", 2U Rackmount
- 1 kVA / 800 Watts; 2 kVA / 1600 Watts
- High Efficiency
- Pure Sine Wave Output
- Intelligent Microprocessor-Based Control
- Utility Bypass Function
- UL / cUL Approval
- Low EMI/RFI Interference
- RS-232 Communication
- 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

Mechanical Drawing



Product Specifications

Model	MAJOR+1000i-24	MAJOR+1000i-48
DC Input		
Voltage	20 - 30 VDC	40 - 60 VDC
Rated Current	50 Amps	25 Amps
Protection	Fuse and DC Breaker	
Efficiency	>85% (full linear load), 48 VDC I/P, 120 VAC O/P	
Output (Back-up)		
Capacity	1KVA / 800W	
Voltage	100/110/115/120 V or 208/220/230/240 V; (Switch on rear)	
Voltage Regulation	± 2%	
Frequency	60/50 Hz ± 0.2 Hz; (Setting through RS-232 with additional software)	
Wave form	Pure Sine Wave Output	
THD	6 % 120 V/100% linear load; 4 % 120 V/100% SPS load	
Crest Factor	3:1	
Receptacles	(4) IEC	
Utility Power (Bypass)		
Voltage	100/110/115/120 VAC or 208/220/230/240 VAC	
Frequency	60/50 ± 5 Hz	
Protection	AC Circuit Breaker	
Interface		
Communication	RS232 / Dry-contact	
LED Display	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.	
Protection		
Short	Lasting 3 minutes then shutdown	
Overload	105-125% for 3 minutes; 125-150% for 3 seconds; >150% for 1 second; Switch to bypass	
Temperature	105-5°(DC MOSFET heat sink); >105-5° (Inverter IGBT heat sink); 55±5° (Inside the case)	
Environment		
Operating Temperature	0°- 45° C	
Storage Temperature	-20°- 70° C	
Humidity	0°- 90° Realtive Humidity (Non-Condensing)	
Acoustic Noise	46 dBA @ 1 M	
Safety		
Safety	UL / cUL	
EMI / RFI	FCC Class A	
Mechanical		
Dimensions (W x D x H)	17.32"W x 11.81"D x 3.46"H (440 x 300 x 88 mm); 2U Rackmount	
Weight	7 kg / 15.4 lbs	8 kg / 17.6 lbs