

MAJORSINE 1000-48-2U

Rackmount Inverter with Utility Bypass Function



- » 1000VA capacity @ 100-120VAC output range for industrial applications
- » High efficiency design with overload output protection
- » User-friendly LCD/LED displays
- » Internal "over temperature" protection
- » Approved IEC-60950 safety (UL/cUL Cert)

Majorsine Power Inverters are designed with high MTBF for continuous duty service to provide manageable and dependable AC power in a demanding network. Featuring an integrated utility bypass function, pure sine wave output and low EMI/RFI emissions, Majorsine inverters are well equipped for telecommunications, networking environment and utility control systems.

An intelligent microprocessor-based controller and smart software is utilized for power management including alerts on the LCD/LED display. A Majorsine-SNMP option is available and allows the user remote communication access to the inverter.

Majorsine inverters come in standard 19"/23" brackets that will easily fit into limited space applications.

DC Input

Voltage	40-60 VDC
Rated Current	25 Amps
Protection	Fuse and DC Breaker
Efficiency	>85% (Full Linear Load)

AC Output

Capacity	1kVA/800W
Voltage	100, 110, 115, 120 VAC
Voltage Regulation	±2%
Frequency	50/60Hz ± 0.2Hz

Utility Power (Bypass)

Voltage (Nominal)	120 VAC
Frequency	50/60 ± 5Hz
Protection	AC Circuit Breaker

Mechanical

Dimensions	17.32"W x 11.81"D x 3.46"H (440 x 300 x 88 mm) 2U Rackmount
Weight	7kg/15.4lbs
Safety	IEC-60950, UL/cUL
EMI/RFI	FCC Class A

Environmental

Operating Temperature	0° to 50° C
Storage Temperature	-20° to 70° C
Humidity	0-90% Relative Humidity (Non-Condensing)

Power Management

Communication	SNMP/ Dry-Contact
LED Display	Inverter ON; Overload DC Abnormal; Fault
LCD Display	Input/Output Voltage; Load Percentage; System Model; Internal Environmental Temp; Short Circuit; DC Voltage; Utility Status; Over Temperature



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