



MAG1500VAI **1500VA High Efficiency** **Power Inverter System**



- 1500 Watt module
- New compact design:
1.75" H x 19" W x 12" D
- High efficiency: >93%
- N+1 redundant
- Hot swappable
- Parallelable output
- True sine wave output
- 48VDC input*
- 50/60Hz*
- Remote control via RS232/485
- Frequency synchronizeable

Magnetek's 1500 Watt modular power inverter systems is comprised of extremely compact and lightweight modules. Each invert is only 1U and weighs just 13.2 pounds.

The MAG1500VAI modules feature very high efficiency (>93%) and can be added or replaced without interruption in power. The Magnetek Power Inverter System is designed for parallelable operations in multiple modules networks to realize flexible systems. These modules are also able to work in synchronization to the grid.

The front panel display allows for monitoring and setting main parameters. The modules are available as a single unit with DSP control unit for monitoring and setting main system parameters. Remote control and remote switching are possible through serial port connectivity.

Power Inverter System Options

- Parallelable with utility grid
- Control delivery power on the grid

*Other input voltages or output frequencies available

1500VA Power Inverter System Specifications



General

Conditions	Typical
Waveform	Sinusoidal
Line Regulation	0.1%
Load Regulation	0.5%
Distortion	1.5%
Frequency	50, 60Hz \pm 0.1%

Protection

Input	Output	General
Input UV	Output UV	Fan Fail Indication
Input OV	Output OV	Over Temperature
Input OC	Output OC	Critical
	Output short-circuit: unit shuts off. Circuit breaker protected and electronically limited.	Temperature warning buzzer 5°C before shutoff

Output Power

Continuous Power	Surge Power	Output Voltage	Output Current
1500VA	2500W	230 \pm 4%	6.5A
1500VA	2500W	115 \pm 4%	13A

Input

Voltage	Minimum (Typ)	Maximum (Typ)	Efficiency at Full Load	Efficiency at 1/2 Load
48V	40V	62V	91%	>93%

Data subject to change without notice.