

Low Voltage Warning and Shutdown

Over Voltage and Over Temperature Protection

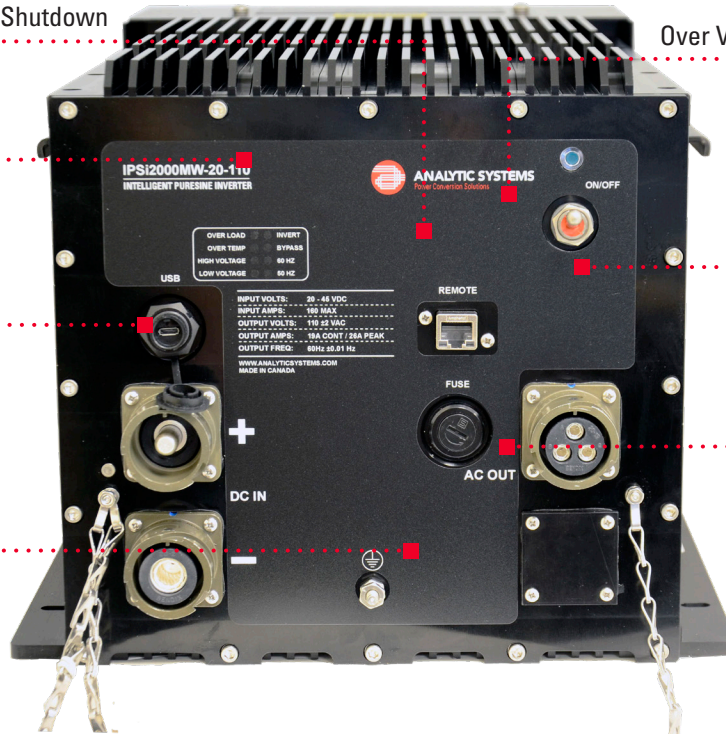
IP68 Rated Cooling Fans

Programmable Frequency

Short Circuit Protection

Programmable Output Voltage

DSP Controlled



IPSi2000MW INTELLIGENT PURE SINE INVERTER

2 YEAR WARRANTY



The IPSi2000MW series of 'Intelligent Pure Sinewave' Inverters are designed specifically for running computers and other sensitive AC loads in rugged, mobile and other off-grid environments.

Available models

Standardized high current MIL connectors provide a solid connection to the battery and AC loads and allows for easy interchange between the IPSixxxxM and IPSixxxxMW models between 1000 and 3600 watts without rewiring.

Input

24, 28, 32, or 36 VDC
48 or 72 (Rail) VDC

The IPSi2000MW is controlled by a sophisticated Digital Signal Processor for optimal control and operation. The unit's heavy-duty Toroidal Power Transformer steps up the low AC voltage produced by the Power MosFet Transistors from 110 to 220 VAC @ 50Hz. It also filters the AC output to reduce or eliminate noise that could potentially interfere with sensitive communications equipment.

Output

110 VAC, 50 or 60 Hz
220 VAC, 50 or 60 Hz

Models are available for both 110 or 220 Output VAC @ 50 or 60 Hz (user selectable) and can operate from 20-45 or 40-80 Input VDC to cover all standard DC battery voltages from 24-64 volts nominal, including 72V Rail.

Applications

Using the free to download 'Power Wizard' software, the user can select output frequency, output voltage, and low voltage shutdown parameters from any laptop through the standard USB interface.



