POWER CONVERTER

2000VA, 1500W, 120/240VAC 50/60Hz Input and 120VAC 60Hz Output.

Part # FA00325
Model # IPC2000RM-M-1.5kW-DiAC-Isol-FC60-120V-NB-2U18

FEATURES AND BENEFITS

Rugged & Extreme Environments

All IntelliPower systems utilize circuit boards, chassis and components that are **specifically designed for extreme environments**. In today's marketplace, repackaged commercial products are often billed as "rugged" and/or "built for harsh environments". Each component in our systems is specifically selected or designed based upon proven performance in harsh indoor and outdoor applications.

Cutting Edge Technology

Our digital, double conversion on-line UPS, power conditioner and frequency/voltage converter solutions utilize high-efficiency power switching and galvanic isolation which provides **ideal electrical output performance**. Systems are available with global voltage inputs & outputs, AC inputs & outputs and DC inputs & outputs. You will be able to utilize any power source.

IntelliPower offers power management software along with many standard communications protocols such as SNMP with OID and MIB Support, RS-232, Ethernet/IP – Common Industrial Protocol (CIP), MODBUS and Dry/Discrete Contacts. The sum total of these technological features equals the ultimate protection for your electronic equipment.

Robust Product Portfolio

No other UPS company offers **2,000+ variations.** Utilizing IntelliPower's building block methodology, more product features and functionality are provided; without having to extend lead times or change proven designs. Over the past 25 years, IntelliPower has developed its electronics hardware, firmware, embedded software and enclosure technology in house, which provides us with a unique capability to meet virtually any of your application requirements to include completely sealed systems.

Designed and Manufactured in the USA

The engineering and technological expertise within IntelliPower has enabled us to develop and field test products since 1988 to **100% user satisfaction**. For you, this translates into shorter lead times from design to shipping as well as personalized service and support. Our mission is to provide you with the highest standard of customer support and quality control.

Military Standards Compliance

All product configurations are designed and manufactured to **meet military standards**. Systems have been and can also be certified by independent labs. Many standards are met in our standard build practices, some notable standards include MIL-STD-461F (Electromagnetic Interference EMI), MIL-STD-464C (Electromagnetic Environmental Effects EME), MIL-STD-1275D (DC Electrical Power Systems), MIL-STD-901D (Shock), MIL-STD-167-A (Vibration), MIL-STD-810G (Environmental; Altitude, Temperature, Humidity, Fungus, Sand & Dust, Rain), and MIL-STD-1399-300B (Interface requirements for AC devices; Voltage Transients (spikes), Frequency Transients, Harmonics, Power Factor). IntelliPower products are used in a wide range of key military programs within the Army, Air Force, Navy and Marines.

To find out more about IntelliPower capabilities, please visit our website at www.intellipower.com/capabilities.

CORPORATE HEADQUARTERS
1746 N. Saint Thomas Circle • Orange, CA 92865 USA
Tel: 714.921.1580 • Fax: 714.921.4023
Email: sales@intellipower.com • www.intellipower.com

All products designed and manufactured in the U.S.A.

Power Converter	
IP Part #:	FA00325
IP Model #:	IPC2000RM-M-1.5kW-DiAC-Isol-FC60-120V-NB-2U18
Unit Description:	2000VA, 1500W, 120/240VAC 50/60Hz Input and 120VAC 60Hz Output

SPECIFICATIONS	
Power Rating (VA, Watts):	2000 VA, 1500 W
Input AC Voltage (AC Voltage, tolerance):	120 or 240 VAC, (-25% +15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50 or 60 Hz, (±5Hz)
Input Max Current (Amps):	N/A
Output AC Voltage (AC Voltage, tolerance):	120 VAC, (±3%)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	60Hz, Changer
Output Sync Requirements:	Synced within ±3Hz of a 60 Hz Input Frequency
Enclosure Type & Size (type/rack unit, dimensions):	Rack Mountable 2U, 3.5”H x 17”W x 18”D
Enclosure Material & Finish (aluminum/steel, finish):	Steel
Enclosure Airflow (front to rear/front to side/other):	Front to Rear
Enclosure – Special (IP65/Zone 1):	N/A
Connector(s) AC Input (type, location):	1 each IEC-320 C20, Rear Panel
Connector(s) DC Input (type, location):	N/A
Connector(s) AC Output (type, location):	6 each NEMA 5-20R, Rear Panel 1 each NEMA L5-20R on a 6" Pig Tail Power Cord, Rear panel
Connector(s) DC Output (type, location):	N/A
Connector(s) EBP/Charger (type, location):	N/A
Temperature (operating, storage):	0˚C to +50˚C Operating
Humidity:	0-95%, Non-Condensing
PFC Feature:	Input Power Factor Correction
Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Application (shipboard/airborne/ground/all):	Ground
Fan Filters (EMI/dust/combination/grill):	Dust
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	Bypass at 15% Overload
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	RS-232 DE-9 D-subminiature port, Opto-Isolated, Rear Panel
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	N/A
Breaker & Switch Input (type, location):	Toggle Switch, Front Panel
Breaker & Switch AC Output (type, location):	Push to Reset, Rear Panel
Breaker & Switch DC Output (type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Bonded

ISO 9001: 2008 Certified | TAA Compliant | CE

CORPORATE HEADQUARTERS
1746 N. Saint Thomas Circle • Orange, CA 92865 USA
Tel: 714.921.1580 • Fax: 714.921.4023
Email: sales@intellipower.com • www.intellipower.com