

# Power Conditioner

## FA00325

All IntelliPower systems utilize circuit boards, chassis, components and construction techniques that are specifically designed for extreme environments—rugged, challenging thermal and/or shock and vibration applications. 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. Our standard build practices have enabled certified compliance to a number of performance standards for select models and product families. IntelliPower systems have proven performance in a wide range of key rugged military programs within the Army, Air Force, Navy and Marines. IntelliPower products are designed and manufactured in the USA, which means shorter lead times from design to shipping, as well as a level of personalized service unequaled in the marketplace.



### Power Conditioner

<b>Part #:</b>	FA00325	Rev. 09172021
<b>Model #:</b>	IPC2000RM-M-1.5kW-DiAC-Isol-FC60-120V-NB-2U18	
<b>Unit Description:</b>	2000VA, 1500W, 120/240VAC 50/60Hz Input and 120VAC 60Hz Output Power Conditioner.	

INPUT RATINGS	
Input AC Voltage (AC Voltage, tolerance):	120 or 240 VAC, (-25% +15%)
Input DC Voltage (AC Voltage, tolerance):	N/A
Input Max Current (Amps):	N/A
Input Frequency (Hz, tolerance):	50 or 60 Hz, (±5%)
PFC Feature:	Input Power Factor Correction
Breaker & Switch AC Input (type, location):	Toggle Switch, Front Panel
OUTPUT RATINGS	
Power Rating (VA, Watts):	2000 VA, 1500 W
Output AC Voltage (AC Voltage, tolerance):	120 VAC, (+/-3%)
Output DC Voltage (DC Voltage, tolerance):	N/A

(continued)

Output Frequency (Hz, follower/changer):	60 Hz, (+/-3 Hz), changer
Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Neutral Bonded to Ground (bonded/un-bonded/switch):	Bonded
Output AC Breaker & Switch (type, location):	Push to Reset, Rear Panel
Output Overload – Shutdown or Bypass:	Bypass at 15% Overload
<b>MECHANICAL</b>	
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, Powder Coated Charcoal Gray
Enclosure Airflow (front to rear/front to side/other):	Front to Rear
Fan Filters (EMI/dust/comboination/grill):	Dust
Conformal Coated PCBAs (yes/no):	Yes
<b>INTERFACE COMMUNICATIONS</b>	
Serial Data Stream (SNMP v3/RS232, type):	RS232 DE-9 D-subminiature, Opto-Isolated, Rear Panel
Special (CIP, VMware ESX/ESXi/Other):	N/A
Discrete (Relay/Opto, Description):	N/A
<b>ADDITIONAL ELECTRICAL FEATURES AND CONTROLS/INTERFACE</b>	
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (Yes/No):	No
<b>CONNECTORS</b>	
Connector(s) AC Input (type, location):	1 each IEC-320 C20, Rear Panel
Connector(s) AC Output (type, location):	6 each NEMA 5-20R, Rear Panel
Connector(s) EBP/Charger (type, location):	N/A
Overload – Shutdown or Bypass (shutdown/bypass, %):	N/A
<b>EMI and ENVIRONMENTAL</b>	
Application (shipboard/airborne/ground/all):	Ground
Temperature (Operating/Storage):	0C to +50C
Humidity:	0%-95% non-condensing

Specifications subject to change without notice.