

Power Conditioner

FA10055

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

Part #:	FA10055	Rev. 09172021
Model #:	IPC2000RM-M-1.5kW-DiAC-Isol-FC60-120V-NB-2U18	
Unit Description:	2000VA, 1500W, 120/240VAC 50/60Hz Input and 120VAC 60Hz Output	

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):	19.61 Amps
Input Frequency (Hz, tolerance):	50 or 60 Hz, (±5%)
PFC Feature:	Input Power Factor Correction
Breaker & Switch AC Input (type, location):	2P20A, toggle

OUTPUT RATINGS

Power Rating (VA, Watts):	2000 VA, 1500 Watts
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):	1 each 1P20A, push to reset
Output Overload – Shutdown or Bypass:	Bypass at 115%
MECHANICAL	
Enclosure Type & Size (type/rack unit, dimensions):	2U, rack mountable, 3.5 x 17 x 18 inch (Height x Width x Depth)
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
INTERFACE COMMUNICATIONS	
Serial Data Stream (SNMP v3/RS232, type):	RS-232, opto-isolated
Special (CIP, VMware ESX/ESXi/Other):	N/A
Discrete (Relay/Opto, Description):	N/A
ADDITIONAL ELECTRICAL FEATURES AND CONTROLS/INTERFACE	
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (Yes/No):	No
CONNECTORS	
Connector(s) AC Input (type, location):	1 each IEC 60320 C20, panel mounted, rear
Connector(s) AC Output (type, location):	4 each NEMA 5-20R, panel mounted, rear
Connector(s) EBP/Charger (type, location):	N/A
Overload – Shutdown or Bypass (shutdown/bypass, %):	N/A
EMI and ENVIRONMENTAL	
Application (shipboard/airborne/ground/all):	Ground
Temperature (Operating/Storage):	0°C to +50°C
Humidity:	5%-95% non-condensing

Specifications subject to change without notice.