

Power Conditioner

FA00289

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 #:	FA00289	Rev. 09172021
Model #:	PC3000RM-I-3.0Kw-220V-Isol-FC60-120V-3U20	
Unit Description:	Power Conditioner 3000VA, 3000W, Isolated, 220VAC at 50 Hz Input, and 220VAC at 60Hz Output.	

INPUT RATINGS	
Input AC Voltage (AC Voltage, tolerance):	220 VAC, (-20% +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):	3000 VA, 3000 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
MECHANICAL	
Enclosure Type & Size (type/rack unit, dimensions):	Rack Mountable, 3U, 5.25"H x 17" W x 20" 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/combination/grill):	Dust
Conformal Coated PCBAs (yes/no):	Yes
INTERFACE COMMUNICATIONS	
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
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-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
EMI and ENVIRONMENTAL	
Application (shipboard/airborne/ground/all):	Ground
Temperature (Operating/Storage):	-15C to +50C
Humidity:	0%-95% non-condensing

Specifications subject to change without notice.