

## UNINTERRUPTIBLE POWER SYSTEM (UPS)

Bright UPS 3000 VA, 2500 W, 120/208 VAC 50/60 Hz Input and 120 VAC 60 Hz Output, Double Conversion, On Line, Isolated, Rugged UPS with Power Factor Correction for Industrial Applications.



Part # FA10073

Model # IQ3000RM-I-2.5Kw-DiAC-Isol-FC60-120V-9LBFb-3U26

## 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.

### ISO 9001: 2008 Certified

IntelliPower is committed to customer satisfaction by delivering power system solutions and services that meet or exceed customer requirements through design innovation and continuous improvement.

To find out more about IntelliPower capabilities, please visit our website at [www.intellipower.com/capabilities](http://www.intellipower.com/capabilities).

## CORPORATE HEADQUARTERS

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



Uninterruptible Power System (UPS)	
IP Part #:	FA10073
IP Model #:	IQ3000RM-I-2.5Kw-DiAC-Isol-FC60-120V-9LBFB-3U26
Unit Description:	Bright UPS 3000VA, 2500W, 120/208VAC 50/60Hz Input and 120VAC 60Hz Output, Double Conversion, On Line, Isolated, Rugged UPS with Power Factor Correction for Industrial Applications.
SPECIFICATIONS	
Power Rating (VA, Watts):	3000 VA, 2500 W
Input AC Voltage (AC Voltage, tolerance):	120/208 VAC (-15% +15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50/60 Hz, ( $\pm 5$ Hz)
Input Max Current (Amps):	32A
Output AC Voltage (AC Voltage, tolerance):	120 VAC, ( $\pm 3$ %)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	FC, 60 Hz
Output Sync Requirements:	Synced within $\pm 3$ Hz from the input frequency or fixed at 60Hz if outside of this range.
Enclosure Type & Size (type/rack unit, dimensions):	3U, 5.25"H x 17"W x 26"D
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum
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):	NEMA L6-30P (10ft pig tail)
Connector(s) DC Input (type, location):	N/A
Connector(s) AC Output (type, location):	4 each NEMA 5-20R
Connector(s) DC Output (type, location):	N/A
Connector(s) EBP/Charger (type, location):	N/A
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	10.5AH, Sealed Maintenance Free, Lead Acid
Battery Total Quantity:	9 Batteries
Battery String Voltage:	108VDC Nominal
Battery String (number of strings, quantity per string)	1 String of 9
Battery Minimum Run Time (approx. run time at #watts):	Approx. 10min with a load of 2500 W
Battery Mounting (hot swap/fixed):	Fixed
Temperature:	Operating: 0°C to +40°C Storage: -30°C to +65°C
Humidity:	0 to 95%, Non-Condensing
PFC Feature:	Yes
Isolation (galvanic isolation/non-isolated):	Isolated
Application (shipboard/airborne/ground/all):	Ground
Fan Filters (EMI/dust/comboination/grill):	N/A
Auto Start (manual start/auto start):	Auto-Start
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	Shutdown, at 10% overload
Conformal Coated PCBAs (yes/no):	No
Communications (SNMP2/SNMP3/RS232, type):	RS-232
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	DE-9, Full form C Contacts Signal: on battery, low battery, and fault
Breaker & Switch Input (type, location):	2P35A, Circuit Breaker
Breaker & Switch AC Output (type, location):	1P25A, 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

MIL Standards



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