

UNINTERRUPTIBLE POWER SYSTEM (UPS)

UPS: 3000VA, 2400W, Isolated 120VAC Single Phase 50/60Hz Input and 120VAC, 60Hz Output, Double Conversion Input On Line UPS and Power Conditioning System with 9 Lithium Iron Phosphate batteries and Power Factor Correction for Commercial Applications.



Part # FA10295

Model # IQ3000RM-C-2.4kw-120VAC-Isol-60Hz-120v-7LiBHS-3U24

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.

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.



Uninterruptible Power System (UPS)	
IP Part #:	FA10295
IP Model #:	IQ3000RM-C-2.4kw-120VAC-Isol-60Hz-120v-7LiBHS-3U24
Unit Description:	UPS: 3000VA, 2400W, Isolated 120VAC Single Phase 50/60Hz Input and 120VAC, 60Hz Output, Double Conversion Input On-Line UPS and Power Conditioning System with 9 Lithium Iron Phosphate batteries and Power Factor Correction for Commercial Applications
SPECIFICATIONS	
Power Rating (VA, Watts):	3000 VA, 2400 W
Input AC Voltage (AC Voltage, tolerance):	120 VAC, (-25%, +15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50 or 60 Hz
Input Max Current (Amps):	20 Amps
Output AC Voltage (AC Voltage, tolerance):	120 VAC, (±2%)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	60 Hz Changer
Output Sync Requirements:	N/A
Enclosure Type & Size (type/rack unit, dimensions):	Rack Mountable 5.2H x 17.0W x 26.0"D
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum, powder coated charcoal gray
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, pin outs):	1 each NEMA 5-20P on a 7' Pigtail Power Cord
Connector(s) DC Input (type, location, pin outs):	N/A
Connector(s) AC Output (type, location, pin outs):	4 each NEMA 5-20R, Rear Panel
Connector(s) DC Output (type, location, pin outs):	N/A
Connector(s) EBP/Charger (type, location, pin outs):	N/A
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	12.8V 8.5Ah Lithium Iron Phosphate
Battery Total Quantity:	7
Battery String Voltage:	89.6V
Battery String (number of strings, quantity per string)	1
Battery Minimum Run Time (approx. run time at #watts):	18 Min at 1800W
Battery Run Current: (Start/End of Battery)	42.86Adc
Battery Mounting (hot swap/fixed):	Hot swap
Temperature (operating, storage):	-15°C to +40°C Operating
Humidity:	0-95%, Non-Condensing
PFC Feature:	Input Power Factor Correction
Isolation (galvanic isolation/non-isolated):	Isolated
Application (shipboard/airborne/ground/all):	Ground
Fan Filters (EMI/dust/comboination/grill):	None
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	Shutdown at 5%-10% Overload
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	SNMP v3.3
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	Opto Isolated EPO signal (NC to NO when EPO active)
Breaker & Switch Input (rating, type, location):	2P20A circuit breaker & toggle switch, front panel
Breaker & Switch AC Output (rating, type, location):	1P25A Push to Reset, Rear Panel
Breaker & Switch DC Output (rating, type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Bonded
Note: If Non-Isolated Enter Un-Bonded	

ISO 9001: 2008 Certified Facility

Military Standards

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