

UNINTERRUPTIBLE POWER SYSTEM (UPS)

Bright UPS: 1400VA, 900W, Isolated 120VAC Single Phase 60Hz Input and 120VAC, 60Hz Output, Double Conversion Input On Line UPS and Power Conditioning System with Lithium Iron Phosphate Batteries and Power Factor Correction for Commercial Applications.



Part # FA10294

Model # IQ1400RM-C-0.9kw-120v-Isol-60Hz-120v-4LiBHS-2U24

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

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



Uninterruptible Power System (UPS)	
IP Part #:	FA10294
IP Model #:	IQ1400RM-C-0.9kw-120v-Isol-60Hz-120v-4LiBHS-2U24
Unit Description:	Bright UPS: 1400VA, 900W, Isolated 120VAC Single Phase 60Hz Input and 120VAC, 60Hz Output, Double Conversion Input On-Line UPS and Power Conditioning System with Lithium Iron Phosphate Batteries and Power Factor Correction for Commercial Applications.
SPECIFICATIONS	
Power Rating (VA, Watts):	1400 VA, 900 Watts
Input AC Voltage (AC Voltage, tolerance):	120 VAC, (-25% +15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	60 Hz, (+/- 5 Hz)
Input Max Current (Amps):	13.62 Amps
Output AC Voltage (AC Voltage, tolerance):	120 VAC, (+/-2%)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	60Hz(+/-3 Hz), follower
Output Sync Requirements:	sync to within +/- 3 Hz of input frequency
Enclosure Type & Size (type/rack unit, dimensions):	2U, rack mountable
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum, Powder coated charcoal grey
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 L5-20P on a 7' pig tail rear
Connector(s) DC Input (type, location, pin outs):	N/A
Connector(s) AC Output (type, location, pin outs):	8 each NEMA 5-20R
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 9.6Ah Lithium Iron Phosphate
Battery Total Quantity:	4
Battery String Voltage:	51.2Vdc
Battery String (number of strings, quantity per string)	1
Battery Minimum Run Time (approx. run time at #watts):	28 minutes at 600W
Battery Run Current: (Start/End of Battery)	28.13Adc EOB
Battery Mounting (hot swap/fixd):	Hot swap
Temperature (operating, storage):	0°C to 50°C (Celsius), 0°F to 122°F (Fahrenheit)
Humidity:	5 to 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/combination/grill):	EMI
Auto Start (manual start/auto start):	inverter output configured to start automatically, manual start available in settings
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	Overload at 115% to shutdown
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	SNMP
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):	2P15A circuit breaker on front panel
Breaker & Switch AC Output (rating, type, location):	1 each 1P15A, push to reset
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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