

UNINTERRUPTIBLE POWER SYSTEM (UPS)

Bright UPS 2000VA, 1800W 120/240VAC & 28DC Input & 120VAC,60Hz Output Double Conversion Rugged High Temperature Isolated On Line UPS System with Hot Swap Battery, Frequency Conversion, Power Factor Conversion and SNMP Communications.



Part # FA10300

Model # IHT2000RM-M-1.8Kw-120/240v-22-33VDC -Isol-FC60-120v-5LiBHS

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 #:	FA10300
IP Model #:	IHT2000RM-M-1.8Kw-120/240v-22-33VDC -Isol-FC60-120v-5LiBHS
Unit Description:	Bright UPS 2000VA, 1800W 120/240VAC & 28DC Input & 120VAC,60Hz Output Double Conversion Rugged High Temperature Isolated On Line UPS System with Hot Swap Battery, Frequency Conversion, Power Factor Conversion and SNMP Communications.
SPECIFICATIONS	
Power Rating (VA, Watts):	2000VA, 1800W
Input AC Voltage (AC Voltage, tolerance):	120VAC or 240VAC Nominal (-25% to +15%, without needing battery)
Input DC Voltage (DC Voltage, tolerance):	22VDC to 33VDC
Input Frequency (Hz, tolerance):	50/60Hz
Input Max Current (Amps):	25.8A
Output AC Voltage (AC Voltage, tolerance):	120Vac +/-3%
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	60Hz Freq. Changer
Output Sync Requirements:	N/A
Enclosure Type & Size (type/rack unit, dimensions):	Rack Mountable 5.2H x 17.0W x 24.0"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):	Standard
Connector(s) AC Input (type, location, pin outs):	L6-20 NEMA, twist lock on 12" long 12ga- 3-wire power cord
Connector(s) DC Input (type, location, pin outs):	DC Input – Tesla #TI 2005-379
Connector(s) AC Output (type, location, pin outs):	(4) each 5-20R NEMA
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:	5
Battery String Voltage:	64.0Vdc
Battery String (number of strings, quantity per string)	1
Battery Minimum Run Time (approx. run time at #watts):	12 min at 1800W, 15 min at 1500W
Battery Run Current: (Start/End of Battery)	37.5/45.0Adc
Battery Mounting (hot swap/fixed):	Hotswap
Temperature (operating, storage):	-20°C to +50°C
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):	Grill
Auto Start (manual start/auto start):	Auto
Cold Start Switch (yes/no):	Yes
Overload – Shutdown or Bypass (shutdown/bypass, %):	Bypass @ 110% only when on AC input
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	SNMP version 3
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	N/A
Breaker & Switch Input (rating, type, location):	2P30A CB & Switch Rear Panel
Breaker & Switch AC Output (rating, type, location):	1P20A Press to Reset
Breaker & Switch DC Output (rating, type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Un-Bonded
Note: If Non-Isolated Enter Un-Bonded	
Weight:	113 lbs.

ISO 9001:2015 Certified Facility

Military Standards

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