

UNINTERRUPTIBLE POWER SYSTEM (UPS)

1500VA, 1000W, Dual Primary and Backup 115VAC, 50/60Hz Input and 115VAC 50/60Hz Output, Double Conversion Rugged On-Line UPS with Power Factor Correction for Military Applications.



Part # FA10328

Model # IHT1500RM-M-1kw-Dual 115v-115v-4BHS-3U20

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.

Military Standards Compliance

All product configurations are designed and manufactured to **meet military standards**. Systems have been and can also be certified by independent labs. Many standards are met in our standard build practices, some notable standards include MIL-STD-461F (Electromagnetic Interference EMI), MIL-STD-464C (Electromagnetic Environmental Effects EME), MIL-STD-1275D (DC Electrical Power Systems), MIL-STD-901D (Shock), MIL-STD-167-A (Vibration), MIL-STD-810G (Environmental; Altitude, Temperature, Humidity, Fungus, Sand & Dust, Rain), and MIL-STD-1399-300B (Interface requirements for AC devices; Voltage Transients (spikes), Frequency Transients, Harmonics, Power Factor). IntelliPower products are used in a wide range of key military programs within the Army, Air Force, Navy and Marines.

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 #:	FA10328
IP Model #:	IHT1500RM-M-1kw-Dual 115v-115v-4BHS-3U20
Unit Description:	1500VA, 1000W, Dual Primary and Backup 115VAC, 50/60Hz Input and 115VAC 50/60Hz Output, Double Conversion Rugged On-Line UPS with Power Factor Correction for Military Applications.

SPECIFICATIONS

Power Rating (VA, Watts):	1500 VA, 1000 Watts
Input AC Voltage 1 (AC Voltage, tolerance):	115 VAC, (-20% +15%), primary input
Input AC Voltage 2 (AC Voltage, tolerance):	115 VAC, (-20% +15%), secondary input
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50 or 60 Hz, (+/- 5 Hz)
Input Max Current (Amps):	14.59 Amps
Output AC Voltage (AC Voltage, tolerance):	115 VAC, (+/-3%) at 1000 Watts
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	50 or 60 Hz, (+/-3 Hz), follower
Output Sync Requirements:	Selectable or synced to input
Enclosure Type & Size (type/rack unit, dimensions):	3U, rack mountable
Enclosure Material & Finish (aluminum/steel, finish):	5.25 x 17 x 20 inch (Height x Width x Depth)
Enclosure Airflow (front to rear/front to side/other):	Aluminum, powder coated charcoal gray
Enclosure – Special (IP65/Zone 1):	Front to rear
Connector(s) AC Input 1 (type, location, pin outs):	1 each MS3102E16-10P
Connector(s) AC Input 2 (type, location, pin outs):	1 each MS3102E16-10P
Connector(s) DC Input (type, location, pin outs):	N/A
Connector(s) AC Output (type, location, pin outs):	6 each NEMA 5-15R
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):	12V8.5Ah Pb-Acid
Battery Total Quantity:	4
Battery String Voltage:	48 VDC
Battery String (number of strings, quantity per string)	1, 4
Battery Minimum Run Time (approx. run time at #watts):	Approximately 27 minutes at 500 Watts
Battery Run Current: (Start/End of Battery)	31.25 Amps
Battery Mounting (hot swap/fix):	Hot Swap
Temperature (operating, storage):	-15°C to 50°C
Humidity:	5 to 95% non-condensing
PFC Feature:	Input power factor correction
Isolation (galvanic isolation/non-isolated):	Galvanic isolation
Application (shipboard/airborne/ground/all):	Shipboard
Fan Filters (EMI/dust/comboination/grill):	EMI
Auto Start (manual start/auto start):	Inverter output configured to start automatically, manual start available in settings
Cold Start Switch (yes/no):	N/A
Overload – Shutdown or Bypass (shutdown/bypass, %):	Bypass at 115%
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	SNMPv3.X
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	N/A
Breaker & Switch Input 1 (rating, type, location):	2P15A, toggle, front panel
Breaker & Switch Input 2 (rating, type, location):	2P15A, toggle, front panel
Breaker & Switch AC Output (rating, type, location):	1P15A, push to reset, front panel
Breaker & Switch DC Output (rating, type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Switch

ISO 9001: 2015 Certified Facility

Military Standards

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