

## UNINTERRUPTIBLE POWER SYSTEM (UPS)

Bright UPS 2500VA 1800W, 115VAC 3Ph, 400Hz Input and 115VAC 28VDC Output.



Part # FA10170

Model # IHT2500RM-M-1.8Kw-115V-1PH/3PH-Isol-115VAC-28VDC-32CBHS-4U24

## 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](http://www.intellipower.com/capabilities).

## CORPORATE HEADQUARTERS

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



<b>Uninterruptible Power System (UPS)</b>	
<b>IP Part #:</b>	FA10170
<b>IP Model #:</b>	IHT2000RM-M-1.5kw-120v-120v-9BFB-3U24
<b>Unit Description:</b>	Bright UPS 2500VA 1800W, 115VAC 3Ph, 400Hz Input and 115VAC 28VDC Output.
<b>SPECIFICATIONS</b>	
Power Rating:	2500 VA, 1800 Watts
Input AC Voltage 1:	115 VAC Three Phase (-20% +15%)
Input AC Voltage 2:	115 VAC, (-8% +15%)
Input Frequency 1:	350 to 650 Hz
Input Frequency 2:	50 or 60 Hz, (+/- 5 Hz)
Input Max Current:	8.97 Amps
Output AC Voltage 1:	115 VAC, (+/-3%) at 1000 Watts
Output DC Voltage 1:	28 VDC at 800 Watts
Output Frequency 1:	60 Hz, (+/-3 Hz), changer
Output Sync:	sync to within +/- 3 Hz of input frequency
Enclosure Type:	4U, rack mountable
Enclosure Dimensions:	English: 7 x 17 x 24 inch(Height x Width x Depth) Metric: 17.78 x 43.18 x 60.96 cm(Height x Width x Depth)
Enclosure Material and Finish:	aluminum, powder coated charcoal gray
Enclosure Airflow:	front to rear
Connector(s) AC Input 1:	1 each MS3452L18-11P
-position:	panel mounted, rear
Connector(s) AC Input 2:	1 each Terminal Block - Spring
-position:	panel mounted, rear
Connector(s) AC Output 1:	6 each MS3452L10SL-3S
-position:	panel mounted, rear
Connector(s) AC Output 2:	1 each MS3452L16-11S
-position:	panel mounted, rear
Battery Type 1:	2V8Ah Pure Pb-Acid
Battery Quantity Total:	32
Battery Strings Quantity Total:	1
Battery Voltage per String:	64 VDC
Battery Runtime 1:	Approximately 5 minutes at 1800 Watts
Battery Mounting:	hot swap
Temperature Operating:	-20C to 55C (Celsius), -4F to 131F (Fahrenheit)
Humidity:	5 to 95% non-condensing
PFC Feature:	input power factor correction
Isolation:	isolated
Application:	airbourne
Fan Filters:	EMI
Auto Start:	inverter output configured to start automatically, manual start available in settings; manual start after EPO
Overload Action:	shutdown at 10%
Conformal Coating	included
Communications - Remote:	RS-232, opto-isolated
Switches and Breakers AC Input 1:	3P10A, toggle
Switches and Breakers AC Input 2:	2P30A, toggle
Switches and Breakers AC Output 1:	6 each 1P10A, push to reset
Switches and Breakers AC Output 2:	1 each 1P30A, push to reset
Neutral Bonding:	unbonded
Controls Remote:	EPO
Weight:	92 lbs

ISO 9001: 2008 Certified Facility

Military Standards

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