

## UNINTERRUPTIBLE POWER SYSTEM (UPS)

Bright Rugged UPS, Double Conversion, High Temperature, Isolated, 220VAC, Input & 120VAC Output, On Line UPS System with Power Factor Correction and Hot Swap Battery.



Part # FA10288

Model # IHT1500RM-I-1.05kw-Isol-220Vin-120Vout-PFC-5BHS-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](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>	FA10288
<b>IP Model #:</b>	IHT1500RM-I-1.05kw-Isol-220Vin-120Vout-PFC-5BHS-3U24
<b>Unit Description:</b>	Bright Rugged UPS, Double Conversion, High Temperature, Isolated, 220VAC, Input & 120VAC Output, On Line UPS System with Power Factor Correction and Hot Swap Battery.
<b>SPECIFICATIONS</b>	
<b>Power Rating (VA, Watts):</b>	1500VA, 1050watts
<b>Input AC Voltage (AC Voltage, tolerance):</b>	220 VAC (-15% +15%)
<b>Input DC Voltage (DC Voltage, tolerance):</b>	N/A
<b>Input Frequency (Hz, tolerance):</b>	50 or 60 Hz (+/- 5Hz)
<b>Input Max Current (Amps):</b>	7.71 Amps
<b>Output AC Voltage (AC Voltage, tolerance):</b>	120VAC (+/- 3%)
<b>Output DC Voltage (DC Voltage, tolerance):</b>	N/A
<b>Output Frequency (Hz, follower/changer):</b>	60Hz, changer
<b>Output Sync Requirements:</b>	N/A
<b>Enclosure Type &amp; Size (type/rack unit, dimensions):</b>	5.25"H x 17"W x 24"D rack unit
<b>Enclosure Material &amp; Finish (aluminum/steel, finish):</b>	steel, powder coated charcoal gray
<b>Enclosure Airflow (front to rear/front to side/other):</b>	Front to rear
<b>Enclosure – Special (IP65/Zone 1):</b>	N/A
<b>Connector(s) AC Input (type, location, pin outs):</b>	IEC 60320-C20 inlet, rear panel
<b>Connector(s) DC Input (type, location, pin outs):</b>	N/A
<b>Connector(s) AC Output (type, location, pin outs):</b>	6 each IEC 60320-C13, rear panel
<b>Connector(s) DC Output (type, location, pin outs):</b>	N/A
<b>Connector(s) EBP/Charger (type, location, pin outs):</b>	N/A
<b>Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):</b>	12V 8.5 AMP hour VRLA batteries
<b>Battery Total Quantity:</b>	5
<b>Battery String Voltage:</b>	60 Volts
<b>Battery String (number of strings, quantity per string)</b>	1
<b>Battery Minimum Run Time (approx. run time at #watts):</b>	10 Minutes at 1050W
<b>Battery Run Current: (Start/End of Battery)</b>	26.25ADC
<b>Battery Mounting (hot swap/fixed):</b>	Hot Swap
<b>Temperature (operating, storage):</b>	-20°C to +50°C
<b>Humidity:</b>	0 to 95% non-condensing
<b>PFC Feature:</b>	Yes
<b>Isolation (galvanic isolation/non-isolated):</b>	Yes
<b>Application (shipboard/airborne/ground/all):</b>	Ground trailer
<b>Fan Filters (EMI/dust/comboination/grill):</b>	Grill
<b>Auto Start (manual start/auto start):</b>	Auto Start
<b>Cold Start Switch (yes/no):</b>	No
<b>Overload – Shutdown or Bypass (shutdown/bypass, %):</b>	Bypass at 115%
<b>Conformal Coated PCBAs (yes/no):</b>	No
<b>Communications (SNMP2/SNMP3/RS232, type):</b>	RS232
<b>Communications – Special (CIP/VMware ESX/ESXi/other):</b>	N/A
<b>Communications – Discrete (relay/opto, description):</b>	N/A
<b>Breaker &amp; Switch Input (rating, type, location):</b>	2P10A, toggle, Front panel
<b>Breaker &amp; Switch AC Output (rating, type, location):</b>	1P15A Push to reset, rear panel
<b>Breaker &amp; Switch DC Output (rating, type, location):</b>	N/A
<b>Neutral Bonded to Ground (bonded/un-bonded/switch):</b>	Bonded
<b>Note: If Non-Isolated Enter Un-Bonded</b>	

ISO 9001:2015 Certified Facility

Military Standards

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