

## UNINTERRUPTIBLE POWER SYSTEM (UPS)

Rugged, Double Conversion, High Temperature, Isolated, Auto Select 120/240VAC, Global Input & 120VAC Output, On Line UPS System & Power Conditioner with Power Factor Correction.



Part # FA00028

Model # IHT1500RM-I-1.05kw-DiAC-Isol-120Vout-4BFB-3U20.5-IEC

## 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

1746 N. Saint Thomas Circle • Orange, CA 92865 USA  
Tel: 714.921.1580 • Fax: 714.921.4023  
Email: [sales@intellipower.com](mailto:sales@intellipower.com) • [www.intellipower.com](http://www.intellipower.com)

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



Uninterruptible Power System (UPS)	
IP Part #:	FA00028
IP Model #:	IHT1500RM-I-1.05kw-DiAC-Isol-120Vout-4BFB-3U20.5-IEC
Unit Description:	Rugged Double Conversion High Temperature Isolated AutoSelect 120/240VAC Global Input & 120VAC Output On Line UPS System & Power Conditioner with Power Factor Correction
SPECIFICATIONS	
Power Rating (VA, Watts):	1500 VA, 1050 W
Input AC Voltage (AC Voltage, tolerance):	120 or 240 VAC, (-25% +15%), Auto Select
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50 or 60 Hz
Input Max Current (Amps):	16 Amps
Output AC Voltage (AC Voltage, tolerance):	120 VAC, (±3%)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	60 Hz, Changer
Output Sync Requirements:	N/A
Enclosure Type & Size (type/rack unit, dimensions):	Rack Mountable 3U, 5.25"H x 17"W x 20.5"D
Enclosure Material & Finish (aluminum/steel, finish):	Steel
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):	1 each IEC-230 C14, Rear Panel
Connector(s) DC Input (type, location):	N/A
Connector(s) AC Output (type, location):	4 each IEC-320 C13, Rear Panel
Connector(s) DC Output (type, location):	N/A
Connector(s) EBP/Charger (type, location):	N/A
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	12V8.5Ah, Lead 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):	10 minutes at 1050 W
Battery Mounting (hot swap/fixed):	Fixed
Temperature:	-20C to 50C
Humidity:	0-95%, Non-Condensing
PFC Feature:	Yes
Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Application (shipboard/airborne/ground/all):	Ground
Fan Filters (EMI/dust/comboination/grill):	None
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	Bypass at 115%
Conformal Coated PCBAs (yes/no):	No
Communications (SNMP2/SNMP3/RS232, type):	RS232 DE-9 D-subminiature, Opto-isolated, Rear Panel
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	N/A
Breaker & Switch Input (rating, type, location):	Toggle Switch, Rear Panel
Breaker & Switch AC Output (rating, type, location):	Push to Reset, Rear Panel
Breaker & Switch DC Output (rating, type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	N/A

ISO 9001: 2008 Certified

TAA Compliant



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