

## UNINTERRUPTIBLE POWER SYSTEM (UPS)



Part # FA00239

Model # IHT1500RM-I-1.05kw-DiAC-Isol-PFC-3U20-CE-515P

## 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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Uninterruptible Power Supply (UPS)	
IP Part #:	FA00239
IP Model #:	IHT1500RM-I-1.05kw-DiAC-Isol-PFC-3U20-CE-515P
SPECIFICATIONS	
Power Rating:	1500VA, 1050W
Input Voltage AC and Tolerance:	120VAC or 230VAC (-25% +15%)
Input Voltage DC and Tolerance:	N/A
Input Frequency and Tolerance:	50/60Hz
Input Max Current:	16 Amps
Output Voltage AC and Tolerances:	120VAC ( $\pm 3\%$ )
Output Voltage DC and Tolerances:	N/A
Output Frequency (frequency follower/changer):	60 Hz Changer
Output Sync Requirements:	N/A
Enclosure Type & Size (type/rack unit, dimensions):	3U, 5 1/4 "H x 17"W x 20"D
Enclosure Material & Finish (aluminum/steel, finish):	
Enclosure Airflow (front to rear/front to side/other):	Front-to-rear
Enclosure – Special (IP65/Zone 1):	N/A
Connector(s) AC Input:	Attached 6'L Pwr Cord w/ 5-15P plug for 120VAC input
Connector(s) DC Input:	N/A
Connector(s) AC Output:	4 each NEMA 5-15R
Connector(s) DC Output:	N/A
Connector(s) EBP/Charger:	N/A
Battery Type:	12V8.5Ah Lead Acid
Battery Total Quantity:	4
Battery String Voltage:	48VDC
Battery String (number of strings, quantity per string):	1, 4
Battery Minimum Run Time (approx. run time at #watts):	10 min. for 740W
Battery Mounting (hot swap/fixed):	Hot Swap
Temperature (operating, storage):	-20C to +50C Operating
Humidity:	0-95%, non-condensing
PFC Feature:	Input Power Factor Correction
Isolation (galvanic isolation/none):	Galvanic Isolation
Application (shipboard/airborne/ground or all):	Shipboard
Fan Filters (none/EMI/dust/combo):	None
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	Shutdown at 15% overload
Sleep Mode (yes/no):	No
Conformal Coated PCBAs (yes/no):	Yes
Neutral Bonded to Ground (bonded/un-bonded/switch):	Un-bonded
Note: If Non-Isolated Enter Un-Bonded	
If Switch, Factory Default Is:	N/A
Communications (SNMP v2 or v3/RS232, software):	RS232 DE-9 D-sub port, Opto-isolated, Upsilon software and cable included
Communications – Special (CIP/VMware ESX, ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	N/A



All Products Designed and Manufactured in the U.S.A.

ISO 9001: 2008 Certified

Mil Standards



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