

## UNINTERRUPTIBLE POWER SYSTEM (UPS)

UPS: 500VA, 350W, 120/240VAC 50/60 Hz Input and 120VAC 60Hz and 24VDC Output



Part # FA00146

Model # IHT500RM-I-0.35Kw-DiAC-Isol-FC60-120V/24VDC-3BFB-2U19.75

## 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.



Uninterruptible Power System (UPS)	
IP Part #:	FA00146
IP Model #:	IHT500RM-I-0.35Kw-DiAC-Isol-FC60-120V/24VDC-3BFB-2U19.75
Unit Description:	UPS 500VA, 350W, 120/240VAC 50/60 Hz Input and 120VAC 60Hz and 24VDC Output
SPECIFICATIONS	
Power Rating (VA, Watts):	500VA, 350W
Input AC Voltage (AC Voltage, tolerance):	120/240VAC (-25% +15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50/60Hz +/-5 Hz
Input Max Current (Amps):	6 Amps
Output AC Voltage (AC Voltage, tolerance):	120VAC, ±3%
Output DC Voltage (DC Voltage, tolerance):	24VDC, ±1.0V
Output Frequency (Hz, follower/changer):	60 Hz Changer
Output Sync Requirements:	(Synced within ±3Hz from the input frequency or fixed at 60Hz if outside of this range)
Enclosure Type & Size (type/rack unit, dimensions):	2U19.75
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum
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):	NEMA 5-15P
Connector(s) DC Input (type, location):	N/A
Connector(s) AC Output (type, location):	4 each NEMA 5-15R
Connector(s) DC Output (type, location):	2 each 24VDC Terminal Blocks
Connector(s) EBP/Charger (type, location):	N/A
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	12V9Ah Lead Acid
Battery Total Quantity:	3
Battery String Voltage:	36VDC
Battery String (number of strings, quantity per string)	1, 3
Battery Minimum Run Time (approx. run time at #watts):	35 min. for 170W
Battery Mounting (hot swap/fixed):	Fixed
Temperature:	0°C to +50°C operating
Humidity:	0-95%, non-condensing
PFC Feature:	Input Power Factor Correction
Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Application (shipboard/airborne/ground/all):	All
Fan Filters (EMI/dust/comboination/grill):	Dust filter on front panel
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	Shutdown, at 15% overload
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	SNMP, RJ-45 Port (v.3), RS232 DE-9 D-sub port
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	Relay Interface via a detachable 6" long cable
Breaker & Switch Input (type, location):	Toggle switch on front panel
Breaker & Switch AC Output (type, location):	Push to reset on rear panel
Breaker & Switch DC Output (type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Switch on rear panel

ISO 9001: 2008 Certified

TAA Compliant



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