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.
### Uninterruptible Power System (UPS)

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#### 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/combination/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