

UNINTERRUPTIBLE POWER SYSTEM (UPS)

500VA, 350W, 120VAC, 50/60Hz Input and 120VAC 50/60Hz Output, Double Conversion Rugged On-Line UPS with Power Factor Correction for Industrial Applications.



Part # FA10219

Model # IHT500RM-I-350W-120v-120v-EBP-2U19

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.

CORPORATE HEADQUARTERS

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



| Uninterruptible Power System (UPS) | |
|---|--|
| IP Part #: | FA10219 |
| IP Model #: | IHT500RM-I-350W-120v-120v-EBP-2U19 |
| Unit Description: | 500VA, 350W, 120VAC, 50/60Hz Input and 120VAC 50/60Hz Output, Double Conversion Rugged On-Line UPS with Power Factor Correction for Industrial Applications. |
| SPECIFICATIONS | |
| Power Rating (VA, Watts): | 500 VA, 350 W |
| Input AC Voltage (AC Voltage, tolerance): | 120VAC, (-25% +15%) |
| Input DC Voltage (DC Voltage, tolerance): | N/A |
| Input Frequency (Hz, tolerance): | 50/60 Hz |
| Input Max Current (Amps): | 5 Amps |
| Output AC Voltage (AC Voltage, tolerance): | 120 VAC, (+/-3%) |
| Output DC Voltage (DC Voltage, tolerance): | N/A |
| Output Frequency (Hz, follower/changer): | Follower, 50 or 60 Hz |
| Output Sync Requirements: | Output frequency is synced to input frequency |
| Enclosure Type & Size (type/rack unit, dimensions): | Rack Mountable, 3.48"H x 17"W x 19.75"D |
| 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, pin outs): | IEC-320-C13 plug with 10 foot power cord and NEMA, L5-15 plug |
| Connector(s) DC Input (type, location, pin outs): | N/A |
| Connector(s) AC Output (type, location, pin outs): | 4 NEMA, 5-15R, accepts 5-15P |
| Connector(s) DC Output (type, location, pin outs): | Domino Ext Battery Pack Connector, 2 pins for power. |
| Connector(s) EBP/Charger (type, location, pin outs): | N/A |
| Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron): | 12 ea 12v10ET Lithium Iron Phosphate in EBP (None in UPS) |
| Battery Total Quantity: | 12 in EBP, two strings of 6 |
| Battery String Voltage: | 78.8 VDC Cut off at 11V per battery, 66V per string |
| Battery String (number of strings, quantity per string) | 2 |
| Battery Minimum Run Time (approx. run time at #watts): | Approx. 12 Hours at 60W |
| Battery Run Current: (Start/End of Battery) | At 60W load, beginning current 2A. ending current 2.28A |
| Battery Mounting (hot swap/fixed): | Fixed |
| Temperature (operating, storage): | 0°C to +50°C Operating |
| Humidity: | 5 to 95% Non-Condensing |
| PFC Feature: | Input Power Factor Correction |
| Isolation (galvanic isolation/non-isolated): | Non-Isolated |
| Application (shipboard/airborne/ground/all): | Ground |
| Fan Filters (EMI/dust/comboination/grill): | Grill |
| Auto Start (manual start/auto start): | Autostart |
| Cold Start Switch (yes/no): | No |
| Overload – Shutdown or Bypass (shutdown/bypass, %): | Shutdown 110% |
| Conformal Coated PCBAs (yes/no): | N/A |
| Communications (SNMP2/SNMP3/RS232, type): | SNMP |
| Communications – Special (CIP/VMware ESX/ESXi/other): | N/A |
| Communications – Discrete (relay/opto, description): | N/A |
| Breaker & Switch Input (rating, type, location): | 2P5A, magnetic hydraulic, & power switch |
| Breaker & Switch AC Output (rating, type, location): | 1p5A, magnetic hydraulic push to reset |
| Breaker & Switch DC Output (rating, type, location): | N/A |
| Neutral Bonded to Ground (bonded/un-bonded/switch): | Un-bonded, common neutral |
| Note: If Non-Isolated Enter Un-Bonded | |

ISO 9001: 2008 Certified Facility

Military Standards



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