

UNINTERRUPTIBLE POWER SYSTEM (UPS)

3000 VA, 2500 W, 115 VAC at 400 Hz input and 115 VAC at 400 Hz output, double conversion, rugged, high temperature, isolated, on-line UPS with external EBM and power factor correction for ground or Navy shipboard applications.



Part # FA10340

Model # IHT3000RM-M-2.5Kw-115v-Isol-FC400-115v-2U24.4 - EBP

FEATURES AND BENEFITS

Rugged & Extreme Environments

All AMETEK 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.

AMETEK 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 AMETEK IntelliPower's building block methodology, more product features and functionality are provided; without having to extend lead times or change proven designs. For over 30 years, AMETEK 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 AMETEK 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.

Military Standards Compliance

All product configurations are designed and manufactured to **meet military standards**. Systems have been and can also be certified by independent labs. Many standards are met in our standard build practices, some notable standards include MIL-STD-461F (Electromagnetic Interference EMI), MIL-STD-464C (Electromagnetic Environmental Effects EME), MIL-STD-1275D (DC Electrical Power Systems), MIL-STD-901D (Shock), MIL-STD-167-A (Vibration), MIL-STD-810G (Environmental; Altitude, Temperature, Humidity, Fungus, Sand & Dust, Rain), and MIL-STD-1399-300B (Interface requirements for AC devices; Voltage Transients (spikes), Frequency Transients, Harmonics, Power Factor). AMETEK IntelliPower products are used in a wide range of key military programs within the Army, Air Force, Navy and Marines.

To find out more about AMETEK IntelliPower capabilities, please visit our website at www.intellipower.com/capabilities.

CORPORATE HEADQUARTERS

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TAA Compliant. All products designed and manufactured in the USA.
 9001:2015 ISO Certified Facility
 Military Standards



Uninterruptible Power System (UPS)	
IP Part #:	FA10340
IP Model #:	IHT3000RM-M-2.5Kw-115v-Isol-FC400-115v-2U24.4 - EBP
IP Description:	3000 VA, 2500 W, 115 VAC at 400 Hz input and 115 VAC at 400 Hz output, double conversion, rugged, high temperature, isolated, on-line UPS with external EBM and power factor correction for ground or Navy shipboard applications.
SPECIFICATIONS	
Power Rating (VA, Watts):	3000 VA, 2500 W
Input AC Voltage (AC Voltage, tolerance):	115 VAC, (-7% +7%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	400 Hz
Input Max Current (Amps):	29.42 Amps
Output AC Voltage (AC Voltage, tolerance):	115 VAC, (±3%)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	400 Hz changer
Output Sync Requirements:	N/A
Enclosure Type & Size (type/rack unit, dimensions):	Rack mountable 2U, 3.46"H x 17"W x 24.4"D
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum
Enclosure Airflow (front to rear/front to side/other):	Front to rear
Connector(s) AC Input (type, location):	MS3452W22-22PX (1900639), Rear Panel
Connector(s) DC Input (type, location):	N/A
Connector(s) AC Output (type, location):	MS3452W22-22SX (1900644), Rear Panel
Connector(s) DC Output (type, location):	N/A
Connector(s) EBP/Charger (type, location):	1 each 2x2 Anderson Powerpole, Rear Panel
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	LiFePO4
Battery Total Quantity:	No Internal Batteries
Battery String Voltage:	102.4 VDC
Battery String (number of strings, quantity per string)	2, 8
Battery Minimum Run Time (approx. run time at #watts):	30 minutes @ 2500 watts with FA10338
Battery Mounting (hot swap/fixed):	External Battery Module
Temperature:	Operating: -20°C to 50°C; Storage: -30°C to +65°C
Humidity:	0-95%, Non-Condensing
PFC Feature:	Yes
Isolation (galvanic isolation/non-isolated):	Isolated
Application (shipboard/airborne/ground/all):	Ground
Fan Filters (EMI/dust/comboination/grill):	Grill
Auto Start (manual start/auto start):	Auto Start (Manual start configurable)
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	Shutdown at 20% Overload
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	SNMP v.3, Ethernet Jack, Rear Panel, 10, 100, 1000 Gigabit Capable
Breaker & Switch Input (type, location):	Toggle Switch, Front Panel 2P20A Hydraulic Magnetic
Breaker & Switch AC Output (type, location):	IP15A Push to Reset
Neutral Bonded to Ground (bonded/un-bonded/switch):	Bonded

ISO 9001:2015 Certified Facility | TAA Compliant | Military Standards

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