

UNINTERRUPTIBLE POWER SYSTEM (UPS)

6000VA, 4200W, 115 VAC Input at 50 or 60Hz, 115 VAC Output at 60Hz.



Part # FA10002

Model # IHT6000RM-M-4.2kw-115v-Isol-FC60-115v-3U24-EBP

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.

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). 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 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 #:	FA10002
IP Model #:	IHT6000RM-M-4.2kw-115v-Isol-FC60-115v-3U24-EBP
Unit Description:	6000VA, 4200W, 115 VAC Input at 50 or 60Hz, 115 VAC Output at 60Hz
SPECIFICATIONS	
Power Rating (VA, Watts):	6000VA/4200W
Input AC Voltage (AC Voltage, tolerance):	115VAC (-20%+15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50/60Hz
Input Max Current (Amps):	60A
Output AC Voltage (AC Voltage, tolerance):	115VAC +/-3%
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	60Hz FC
Output Sync Requirements:	60Hz +/- .5hz
Enclosure Type & Size (type/rack unit, dimensions):	RM 3U, 5.25H x 17W x 24D
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):	MS3102A22-2P or MS3452 equivalent
Connector(s) DC Input (type, location):	N/A
Connector(s) AC Output (type, location):	MS3102A22-2S or MS3452 equivalent
Connector(s) DC Output (type, location):	N/A
Connector(s) EBP/Charger (type, location):	Locking Anderson
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	Lead Acid
Battery Total Quantity:	No Internal Batteries
Battery String Voltage:	84V
Battery String (number of strings, quantity per string)	N/A
Battery Minimum Run Time (approx. run time at #watts):	10m at 2500Watts
Battery Mounting (hot swap/fixd):	See EBP
Temperature:	-20 to +50c
Humidity:	0 to 95%
PFC Feature:	Yes
Isolation (galvanic isolation/non-isolated):	Isolation
Application (shipboard/airborne/ground/all):	Shipboard and ground
Fan Filters (EMI/dust/comboination/grill):	EMI
Auto Start (manual start/auto start):	Auto start
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	Bypass
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	SNMP v3.3
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	DE-9F> Pins 1 & 2, “to short for EPO. Pins 3 & 4, “that short” if AC Input Fails, Pins 5 & 6, “that shorts” if unit overheats, Pins 7 & 8, “to short” for Battle Short. DA-15F> Close Pins 9 & 10 to inhibit output.
Breaker & Switch Input (type, location):	60A Hydraulic magnetic front panel
Breaker & Switch AC Output (type, location):	1P50A Front Panel Toggle IEL Type.
Breaker & Switch DC Output (type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Switch

ISO 9001: 2008 Certified

TAA Compliant


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