

UNINTERRUPTIBLE POWER SYSTEM (UPS)

6.6KVA, 5.8KW Double Conversion, On-Line, Isolated 440V 3-Ph. Delta Input, 50/60Hz Input UPS with 220VAC, 60Hz 1-Ph. Output UPS.



Part # FA10249

Model # IHT6600RM-M-5.8kw-440V 3-Ph.-Isol-FC60-220v-4U26.7-EBM

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 #:	FA10249
IP Model #:	IHT6600RM-M-5.8kw-440V 3-Ph.-Isol-FC60-220v-4U26.7-EBM
Unit Description:	6.6KVA, 5.8KW Double Conversion On Line Isolated 440V 3-Ph., 50/60Hz Input UPS with 220VAC, 1-Ph. 60Hz Output
SPECIFICATIONS	
Power Rating (VA, Watts):	6600 VA, 5800 W
Input AC Voltage (AC Voltage, tolerance):	440V, 3-Ph, 50/60Hz (-10% +15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	47 to 63 Hz
Input Max Current (Amps):	12A
Output AC Voltage (AC Voltage, tolerance):	220 VAC, (±4%)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	60Hz (±0.3 Hz), Changer
Output Sync Requirements:	N/A
Enclosure Type & Size (type/rack unit, dimensions):	Rack Mountable 4U, 7"H x 17"W x 26.7"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):	1 each NEMA L16-20, Rear Panel (Can be panel mounted or on pigtail.)
Connector(s) DC Input (type, location):	N/A
Connector(s) AC Output (type, location):	1 each NEMA L6-30A, Rear Panel (Can be panel mounted or on pigtail.)
Connector(s) DC Output (type, location):	N/A
Connector(s) EBP/Charger (type, location):	Anderson, 2 each to match FA00167 EBM
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	Batteries in Lead Acid in 3U FA00167 EBM
Battery Total Quantity:	16, in Separate FA00167 EBM
Battery String Voltage:	96v
Battery String (number of strings, quantity per string)	2 Strings, 8 per string in Separate FA00167 EBM
Battery Minimum Run Time (approx. run time at #watts):	Approx. 15 minutes at 4000 W with EBM, FA00167
Battery Mounting (hot swap/fixed):	Two hot swap battery drawers in separate FA00167 EBM
Temperature:	-20C to +50C Operating
Humidity:	0-95%, Non-Condensing
PFC Feature:	Input Power Factor Correction
Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Application (shipboard/airborne/ground/all):	Shipboard, floating output neutral
Fan Filters (EMI/dust/comboination/grill):	EMI MIL STD 461,
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	Shutdown at 10% Overload
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	SNMP Ethernet Jack, Rear Panel
Communications – Special (CIP/VMware ESX/ESXi/other):	VMWare VSphere 6.5 support
Communications – Discrete (relay/opto, description):	N/A
Breaker & Switch Input (type, location):	3-Ph 10A, Magnetic Hydraulic CB and Switch, Front Panel
Breaker & Switch AC Output (type, location):	30A, 1-Ph. Toggle Switch, Rear Panel
Neutral Bonded to Ground (bonded/un-bonded/switch):	Un-Bonded for Shipboard

ISO 9001: 2008 Certified

Mil Standards

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