

UNINTERRUPTIBLE POWER SYSTEM (UPS).

6000VA, 4500W, 120VAC 50/60Hz Global Isolated Input, 120VAC 60Hz Output. Freq Changer, EBC (2 x 96V), 3U24, Aluminum, Cir Mil, RS232, Relay Output, 2 x 2x2 Anderson, Cir Mil.



Part # FA10050

Model # IHT6000RM-I-4.5Kw-120-50/60-120V-EB-CAB

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 #:	FA10050
IP Model #:	IHT6000RM-I-4.5Kw-120-50/60-120V-EB-CAB
Unit Description:	IHT, 6000Va, 4500W, 120Vac 50/60Hz Global Isolated Input, 120Vac 60Hz Output. Freq Changer, EBC (2 x 96V), 3U24, Aluminum, Cir Mil, RS232, Relay Output, 2 x 2x2 Anderson, Cir Mil
SPECIFICATIONS	
Power Rating (VA, Watts):	6000VA, 4500W
Input AC Voltage (AC Voltage, tolerance):	120VAC (-20% + 15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50/60Hz, (+/-5Hz)
Input Max Current (Amps):	60A
Output AC Voltage (AC Voltage, tolerance):	120VAC, (+/-3%)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	60Hz
Output Sync Requirements:	N/A
Enclosure Type & Size (type/rack unit, dimensions):	3U 5.19" X 17" X 24"
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):	Cir Mil MS3452L22-22P
Connector(s) DC Input (type, location, pin outs):	N/A
Connector(s) AC Output (type, location, pin outs):	Cir Mil MS 3452L22-22S
Connector(s) DC Output (type, location, pin outs):	N/A
Connector(s) EBP/Charger (type, location, pin outs):	Locking Anderson Connector (1 x 2) x2
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	N/A
Battery Total Quantity:	16
Battery String Voltage:	96C Nominal
Battery String (number of strings, quantity per string)	2 Single Strings of 8 Batteries
Battery Minimum Run Time (approx. run time at #watts):	Approx, 2hrs with a load of 3000W
Battery Run Current: (Start/End of Battery)	35.2A EOB
Battery Mounting (hot swap/fixed):	Free Standing
Temperature (operating, storage):	0C to +55C (Batteries can be discharged up to 55C and charged up to 50C. The Battery charger will turn off above 50C)
Humidity:	0 to 95%, non-condensing
PFC Feature:	Yes
Isolation (galvanic isolation/non-isolated):	Isolated thru PDU
Application (shipboard/airborne/ground/all):	Oil Platform
Fan Filters (EMI/dust/comboination/grill):	Dust
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	UPS Shutdown @ 10%
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):	Dry Contacts (DA-15): UPS General Alarm, UPS On Battery, No AC In, Bypass, and Shutdown 5 Sets of Form C
Breaker & Switch Input (rating, type, location):	2P 60 Amps CB
Breaker & Switch AC Output (rating, type, location):	None
Breaker & Switch DC Output (rating, type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Un-bonded

ISO 9001: 2008 Certified Facility

Military Standards

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