

UNINTERRUPTIBLE POWER SYSTEM (UPS)

Modular Uninterruptible Power System with ground fault detection enclosed in a self cooling portable IP22 cabinet with lifting eyes. 6000 VA, 4500 Watts, 120 or 240 VAC, 50 or 60 Hz Input and 120 VAC, 60 Hz Output, Double Conversion, On-Line, Isolated, Rugged UPS with Power Factor Correction for Industrial Applications.



Part # FA10039
Model # IHT6000RM-I-4.5Kw-DiAC-EBC-PDU-CAB

FEATURES & 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 #:	FA10039
IP Model #:	IHT6000RM-I-4.5Kw-DiAC-EBC-PDU-CAB
SPECIFICATIONS	
System - Master Part #:	FA10039
System - UPS:	FA10050
System - EBC:	FA10051
System - PDU:	FA10052
System - Cabinet:	910019
Power Rating:	6000 VA, 4500 Watts
Input AC Voltage 1:	120 VAC, (-20% +15%)
Input AC Voltage 2:	240 VAC, (-20% +15%)
Input Frequency 1:	50 or 60 Hz, (+/- 5 Hz)
Input Frequency 2:	50 or 60 Hz, (+/- 5 Hz)
Input Max Current:	58.63 Amps
Output AC Voltage 1:	120 VAC, (+/-3%)
Output Frequency 1:	50 or 60 Hz, (+/-3 Hz), follower
Output Sync:	sync to within +/- 3 Hz of input frequency
Enclosure Type:	free standing
Enclosure Dimensions:	English: 75.125 x 24 x 32 inch(Height x Width x Depth) Metric: 177.80 x 60.96 x 81.28 cm(Height x Width x Depth)
Enclosure Material and Finish:	steel, powder coated charcoal gray
Enclosure Airflow:	sides to top
Enclosure Special:	IP22
Connector(s) AC Input 1:	1 each Terminal Block - Spring
-position:	panel mounted, front
Connector(s) AC Output 1:	1 each Terminal Block - Spring
-position:	panel mounted, front
Battery Type 1:	12V55Ah Pb-Acid
Battery Quantity Total:	16
Battery Strings Quantity Total:	2
Battery Voltage per String:	96 VDC
Battery Runtime 1:	Approximately 120 minutes at 3000 Watts
Battery Mounting:	fixed
Temperature Operating:	0C to 40C (Celsius), 0 to 104F (Fahrenheit)
Humidity:	5 to 95% non-condensing
PFC Feature:	input power factor correction
Isolation:	isolated
Application:	shipboard
Fan Filters:	dust
Auto Start:	inverter output configured to start automatically, manual start available in settings
Overload Action:	bypass at 110%
Conformal Coating	included
Communications - Remote:	SNMP
Communications - Contact Closure:	Terminal block - spring: UPS Alarm, On Battery, No Input AC, On Bypass, Shutdown, EPO, Bender Ground Fault Detection
Switches and Breakers AC Input 1:	2P90A, toggle
Switches and Breakers AC Input 2:	2P50A, toggle
Switches and Breakers Battery:	4P50A, toggle
Switches and Breakers AC Output 1:	9 each 1P5.0A, push pull
Switches and Breakers AC Output 2:	1 each 2P50A, toggle
Neutral Bonding:	unbonded
Controls Remote:	EPO, shut down

ISO 9001: 2008 Certified

TAA Compliant



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