

UNINTERRUPTIBLE POWER SYSTEM (UPS)

2500 VA, 2000 W, 220 VAC, 50 Hz input and 220 VAC, 50 Hz output, double conversion, rugged, high temperature, isolated, On-Line UPS with 8ea Lithium Iron Phosphate battery hot swap drawer.



Part # FA10260

Model # IHT2500RM-M-2.0Kw-220v-Isol-50-220v-8LiFeBHS-3U24

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 #:	FA10260
IP Model #:	IHT2500RM-M-2.0Kw-220v-Isol-50-220v-8LiFeBHS-3U24
Unit Description:	2500 VA, 2000 W, 220 VAC, 50 Hz input and 220 VAC, 50 Hz output, double conversion, rugged, high temperature, isolated, On-Line UPS with 8ea Lithium Iron Phosphate battery hot swap drawer.
SPECIFICATIONS	
Power Rating (VA, Watts):	2500 VA, 2000 Watts
Input AC Voltage (AC Voltage, tolerance):	220 VAC, (-20% +20%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50Hz
Input Max Current (Amps):	15.25 Amps
Output AC Voltage (AC Voltage, tolerance):	220 VAC, (+/-3%)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	50Hz
Output Sync Requirements:	Sync to within +/- 3 Hz of input frequency
Enclosure Type & Size (type/rack unit, dimensions):	3U, rack mountable
Enclosure Material & Finish (aluminum/steel, finish):	English: 5.25 x 17 x 24 inch (Height x Width x Depth) Metric: 13.34 x 43.18 x 60.96 cm (Height x Width x Depth)
Enclosure Airflow (front to rear/front to side/other):	Aluminum, powder coated charcoal gray
Enclosure – Special (IP65/Zone 1):	Front to rear
Connector(s) AC Input (type, location, pin outs):	IEC 60320-C19 inlet, rear panel
Connector(s) DC Input (type, location, pin outs):	N/A
Connector(s) AC Output (type, location, pin outs):	2ea IEC 60320 C14 locking, rear panel
Connector(s) DC Output (type, location, pin outs):	N/A
Connector(s) EBP/Charger (type, location, pin outs):	N/A
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	Lithium Iron Phosphate
Battery Total Quantity:	8
Battery String Voltage:	96V
Battery String (number of strings, quantity per string)	1
Battery Minimum Run Time (approx. run time at #watts):	Approximately 20 minutes at 2000 Watts
Battery Run Current: (Start/End of Battery)	31.25
Battery Mounting (hot swap/fixed):	Hot Swap
Temperature (operating, storage):	-10C to +65C
Humidity:	5 to 95% non-condensing
PFC Feature:	Input power factor correction
Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Application (shipboard/airborne/ground/all):	Ground Transit Case
Fan Filters (EMI/dust/comboination/grill):	Dust
Auto Start (manual start/auto start):	Inverter output configured to start automatically, manual start available in settings
Cold Start Switch (yes/no):	Yes, works only with input circuit breaker closed
Overload – Shutdown or Bypass (shutdown/bypass, %):	Overload at 115% to shutdown
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):	N/A
Breaker & Switch Input (rating, type, location):	2P20A, toggle (w/Auxiliary contact for complete shutdown)
Breaker & Switch AC Output (rating, type, location):	1 each 1P15A, push to reset
Breaker & Switch DC Output (rating, type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Bonded (0-220VAC European style)
Note: If Non-Isolated Enter Un-Bonded	

ISO 9001: 2008 Certified Facility

Military Standards

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