

UNINTERRUPTIBLE POWER SYSTEM (UPS)

3000 VA, 2700 W, 115 VAC at 60 Hz input and 115 VAC at 60 Hz output, double conversion, rugged, high temperature, isolated, on-line UPS and EBP, with power factor correction for Navy shipboard applications.



Part # FA10169

Model # IHT3000RM-M-2.70Kw-115v-Isol-FC60-115v-EXTB-2U24.4

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

1746 N. Saint Thomas Circle • Orange, CA 92865 USA
Tel: 714.921.1580 • Fax: 714.921.4023
Email: sales@intellipower.com • www.intellipower.com

All products designed and manufactured in the U.S.A.



Uninterruptible Power System (UPS)	
IP Part #:	FA10169
IP Model #:	IHT3000RM-M-2.6Kw-240v-Isol-FC60-120v-8BHS-2U23.6
Unit Description:	3000 VA, 2700 W, 115 VAC at 60 Hz input and 115 VAC at 60 Hz output, double conversion, rugged, high temperature, isolated, on-line UPS and EBP, with power factor correction for Navy shipboard applications.
SPECIFICATIONS	
Power Rating (VA, Watts):	3000 VA, 2700 W
Input AC Voltage (AC Voltage, tolerance):	115 VAC, (-20% +15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	60 Hz
Input Max Current (Amps):	38.13 Amps
Output AC Voltage (AC Voltage, tolerance):	115 VAC, (±3%)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	60 Hz changer
Output Sync Requirements:	Synced to input within 58.5 Hz to 61.5 Hz, 60 Hz if outside this range.
Enclosure Type & Size (type/rack unit, dimensions):	Rack mountable 2U, 3.47"H x 17"W x 24.4"D w/front panel 1" rack ears
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum, chem. coated, charcoal gray powder coat.
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):	NEMA L5-30P on 3' power cord, rear panel
Connector(s) DC Input (type, location, pin outs):	N/A
Connector(s) AC Output (type, location, pin outs):	1 each NEMA L5-30R on 3' power cord, rear panel
Connector(s) DC Output (type, location, pin outs):	N/A
Connector(s) EBP/Charger (type, location, pin outs):	Locking Anderson, rear panel
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	12V8.5.Ah lead acid In external Battery Pack
Battery Total Quantity:	N/A
Battery String Voltage:	96 VDC in External Battery Pack
Battery String (number of strings, quantity per string)	N/A
Battery Minimum Run Time (approx. run time at #watts):	8 Min @ 2700W with EBP FA10329
Battery Run Current: (Start/End of Battery)	42.19
Battery Mounting (hot swap/fixed):	N/A
Temperature (operating, storage):	-0°C to +50°C operating
Humidity:	0-95%, non-condensing
PFC Feature:	Input power factor correction to meet MIL-STD 1399, section 300B
Isolation (galvanic isolation/non-isolated):	Galvanic isolation
Application (shipboard/airborne/ground/all):	Shipboard
Fan Filters (EMI/dust/comboination/grill):	EMI
Auto Start (manual start/auto start):	Auto start
Cold Start Switch (yes/no):	Yes, allows UPS to be started w/battery if AC power source is not on.
Overload – Shutdown or Bypass (shutdown/bypass, %):	Goes to bypass at 11% overload. To recover from bypass to on-line, press F1 after correcting the overload.
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	SNMP ver.3, Ethernet jack, rear panel
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	N/A
Breaker & Switch Input (rating, type, location):	2P40A magnetic hydraulic CB, power switch, front panel
Breaker & Switch AC Output (rating, type, location):	1P30A magnetic hydraulic CB, push to reset, front panel
Breaker & Switch DC Output (rating, type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Locking switch on rear panel to select un-bonded for shipboard or bonded for land-based testing.
Note: If Non-Isolated Enter Un-Bonded	
If Switch, Factory Default Is:	Un-bonded

ISO 9001:2015 Certified Facility

Military Standards

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