UNINTERRUPTIBLE POWER SYSTEM (UPS)

Bright UPS Rugged Double Conversion Global Input Isolated On Line UPS System with Power Factor Conversion and Frequency Conversion for Military Applications.

Part # FA00090
Model # IHT3000RM-M-2.1kw-DiAC-Isol-FC60-120v-7BHS-3U22.2AL

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 #:	FA00090
IP Model #:	IHT3000RM-M-2.1kw-DiAC-Isol-FC60-120v-7BHS-3U22.2AL
Unit Description:	Bright UPS Rugged Double Conversion Global Input Isolated On Line UPS System with Power Factor Conversion and Frequency Conversion for Military Applications.

SPECIFICATIONS	
Power Rating:	3000 VA, 2100 Watts
Input AC Voltage 1:	120 or 240 VAC, (-20% +15%)
Input Frequency 1:	50 or 60 Hz, (+/- 5 Hz)
Input Max Current:	28.78 Amps
Output AC Voltage 1:	120 VAC, (+/-3%)
Output Frequency:	60 Hz, (+/-3 Hz), changer
Enclosure Type:	3U, rack mountable
Enclosure Dimensions:	English: 5.25 x 17 x 22.2 inch(Height x Width x Depth) Metric: 13.34 x 43.18 x 56.39 cm(Height x Width x Depth)
Enclosure Material and Finish:	aluminum, powder coated charcoal gray
Enclosure Airflow:	front to rear
Connector(s) AC Input 1:	1 each NEMA L5-30P
-position:	on a 6' pig tail, rear
Connector(s) AC Output 1:	10 each NEMA 5-20R
-position:	panel mounted, rear
Battery Type:	12V9Ah Pb-Acid
Battery Quantity Total:	7
Battery Strings Quantity Total:	1
Battery Voltage per String:	84 VDC
Battery Runtime:	Approximately 13 minutes at 1000 Watts
Battery Mounting:	hot swap
Temperature Operating:	0C to 50C (Celsius), 0 to 122F (Fahrenheit)
Humidity:	5 to 95% non-condensing
PFC Feature:	input power factor correction
Isolation:	isolated
Application:	ground
Fan Filters:	EMI
Auto Start:	inverter output configured to start automatically, manual start available in settings
Communications Protocol:	RS-232, opto-isolated
Switches and Breakers AC Input 1:	2P30A, toggle
Switches and Breakers AC Output 1:	1 each 1P25A, push to reset
Neutral Bonding:	bonded

ISO 9001: 2008 Certified | TAA Compliant | CE

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.