

UNINTERRUPTIBLE POWER SYSTEM (UPS)

2500 VA, 2000 W, 120 VAC, 50/60 Hz Input and 120 VAC, 50/60 Hz Output, Double Conversion On-Line, High Temperature, 5 each 12V10EB, Lithium Iron Phosphate, Hot Swap Battery Drawer, Rugged UPS with Power Factor Correction.



Part # FA10298

Model # IHT2500RM-M-2.0kw-120Vac-Isol-120v-5LiFeBHS-2U26

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 #:	FA10298
IP Model #:	IHT2500RM-M-2.0kw-120Vac-Isol-120v-5LiFeBHS-2U26
Unit Description:	2500 VA, 2000 W, 120 VAC, 50/60Hz Input and 120 VAC ,50/60 Hz Output, Double Conversion On-Line, High Temperature, 5 each 12V10EB, Lithium Iron Phosphate, Hot Swap Battery Drawer, Rugged UPS with Power Factor Correction.
SPECIFICATIONS	
Power Rating (VA, Watts):	2500 VA, 2000 W
Input AC Voltage (AC Voltage, tolerance):	120 Vac (-25%/+15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50/60 Hz,
Input Max Current (Amps):	28.45A
Output AC Voltage (AC Voltage, tolerance):	120 VAC
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	50/60 Hz, Frequency Follower.
Output Sync Requirements:	Output Frequency is synced to the Input Frequency. Freq..
Enclosure Type & Size (type/rack unit, dimensions):	Rack Mountable 2U, 3.5"H x 17"W x 26"D
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum, clear chem. coated and powder coated charcoal gray
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):	6 ft cord terminated to L530P on Rear Panel
Connector(s) DC Input (type, location, pin outs):	N/A
Connector(s) AC Output (type, location, pin outs): 1	4ea NEMA 5-15R on Rear Panel
Connector(s) AC Output (type, location, pin outs): 2	N/A
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:	5
Battery String Voltage:	60 VDC
Battery String (number of strings, quantity per string)	1 string of 5 ea.
Battery Minimum Run Time (approx. run time at #watts):	Minimum 15.5 minutes @1500 W
Battery Mounting (hot swap/fixed):	Front Panel Hot Swap Battery Drawer
Temperature (operating, storage):	-20°C to 50°C (Operating)
Humidity:	5-95% Non-Condensing
PFC Feature:	Input Power Factor Correction
Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Application (shipboard/airborne/ground/all):	Ground
Fan Filters (EMI/dust/comboination/grill):	EMI
Auto Start (manual start/auto start):	Auto Start (Field selectable for manual or auto start)
Cold Start Switch (yes/no):	Yes
Overload – Shutdown or Bypass (shutdown/bypass, %):	Shutdown at 115%
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	SNMP version 3 Ethernet RJ45, Rear Panel
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	N/A
Breaker & Switch Input (rating, type, location):	30A Hydraulic magnetic DP Cir Bkr & Input Power Switch
Breaker & Switch AC Output (rating, type, location):	25A Push to Reset, Hydraulic magnetic Type CB, Rear Panel
Breaker & Switch DC Output (rating, type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Output Neutral is bonded to chassis ground.
Note: If Non-Isolated Enter Un-Bonded	

ISO 9001: 2015 Certified Facility

Military Standards

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.

