

Uninterruptible Power System (UPS)

FA00361

All IntelliPower systems utilize circuit boards, chassis, components and construction techniques that are specifically designed for extreme environments—rugged, challenging thermal and/or shock and vibration applications. 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. Our standard build practices have enabled certified compliance to a number of performance standards for select models and product families. IntelliPower systems have proven performance in a wide range of key rugged military programs within the Army, Air Force, Navy and Marines. IntelliPower products are designed and manufactured in the USA, which means shorter lead times from design to shipping, as well as a level of personalized service unequaled in the marketplace.



Uninterruptible Power System (UPS)

Part #:	FA00361	102121
Model #:	IHT1500RM-M-1.05KW-Isol-115v-60Hz-115v-4LBHS-3U12	
Unit Description:	1500VA, 1.05W, 115 VAC Input, Double Conversion, Rugged, Isolated, High Temperature Rack Mount Online UPS with 120VAC at 60Hz Output to provide Power Backup and Power Conditioning for US Navy Shipboard Applications.	

INPUT RATINGS

Input AC Voltage (AC Voltage, tolerance):	115 VAC, (-20% +15%), Auto Select
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	60 Hz
Input Max Current with Inverter Output (Amps):	15.24 Amps
PFC Feature:	Yes
Breaker & Switch Input (type, location):	2P15A, toggle

OUTPUT RATINGS

Power Rating (VA, Watts):	1500 VA, 1050 Watts
Output AC Voltage (AC Voltage, tolerance):	115 VAC, (±3%)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	50 or 60 Hz, (+/-3 Hz), selectable, changer or follower

(continued)

Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Neutral Bonded to Ground (bonded/un-bonded/switch):	Bonded
Breaker & Switch AC Output (type, location):	2P15A, toggle
Overload – Shutdown or Bypass (shutdown/bypass, %):	N/A
MECHANICAL	
Enclosure Type & Size (type/rack unit, dimensions):	3U, rack mountable 5.25 x 17 x 12 inch (Height x Width x Depth)
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum
Enclosure Airflow (front to rear/front to side/other):	Front to rear
Enclosure – Special (IP65/Zone 1):	N/A
Weight:	Approximately 75 lbs.
Fan Filters (EMI/dust/comboination/grill):	EMI
Conformal Coated PCBAs (yes/no):	Yes
INTERFACE COMMUNICATIONS	
Communications (SNMP2/SNMP3/RS232, type):	RS-232, opto-isolated
Discrete (Relay/Opto, Description):	Dry Contact Control, Emergency Power Off, EPO
ADDITIONAL ELECTRICAL FEATURES AND CONTROLS/INTERFACE	
Auto Start (manual start/auto start):	Auto start
Cold Start Switch (yes/no):	No
CONNECTORS	
Connector(s) AC Input (type, location):	1 each Terminal Block – Screw panel mounted, rear
Connector(s) DC Input (type, location):	N/A
Connector(s) AC Output (type, location):	1 each Terminal Block – Screw panel mounted, rear
Connector(s) DC Output (type, location):	N/A
Connector(s) EBP/Charger (type, location):	N/A
BATTERIES	
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	12V10.5Ah Pb-Acid
Battery Total Quantity:	4
Battery String Voltage:	48 VDC
Battery String (number of strings, quantity per string)	1, 4
Battery Minimum Run Time (approx. run time at #watts):	Approximately 25 minutes at 1050 Watts
Battery Mounting (hot swap/fixe):	Hot Swap
EMI and ENVIRONMENTAL	
Application (shipboard/airborne/ground/all):	All
Operating Temperature:	-20°C to +50°C
Humidity:	5-95%, non-condensing

Specifications subject to change without notice.