

# Uninterruptible Power System (UPS) FA10033

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 #:	FA10033	Rev. 100121
Model #:	IHT3000RM-M-2.7kw-DiAC-Isol-FC60-120v-9LBHS-3U26TCG	
Unit Description:	3000VA, 2700W, Isolated, Global, Single Phase, 60Hz Input and 120VAC, 60Hz Output, Double Conversion, On Line UPS and Power Conditioning System with 9 Large Hot Swap Batteries and Power Factor Correction for Military Applications.	

### INPUT RATINGS

Input AC Voltage (AC Voltage, tolerance):	120/240VAC (-20% +15%)
Input DC Voltage (AC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50/60Hz
Input Max Current (Amps):	37.64
PFC Feature:	Yes
Breaker & Switch AC Input (type, location):	2P40A on Front Panel

### OUTPUT RATINGS

Power Rating (VA, Watts):	3000VA, 2700 Watts
Output AC Voltage (AC Voltage, tolerance):	120/240VAC (-20% +15%)
Output DC Voltage (DC Voltage, tolerance):	N/A

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Output Frequency (Hz, follower/changer):	60 Hz, Changer
Output Sync Requirements:	N/A
Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Neutral Bonded to Ground (bonded/un-bonded/switch):	Switch
Output AC Breaker & Switch (type, location):	1P25A Press to reset
Output Overload – Shutdown or Bypass:	Shutdown @ 115%
<b>MECHANICAL</b>	
Enclosure Type & Size (type/rack unit, dimensions):	3U, 5.25"H x 17"W x 26"D
Enclosure Material & Finish (aluminum/steel finish):	Aluminum
Enclosure Airflow (front to rear/front to side/other):	Front to rear
Nominal Weight +/- lbs.:	TBD
Fan Filters (EMI/dust/comboination/grill):	EMI
Conformal Coated PCBAs (yes/no):	Yes
<b>INTERFACE COMMUNICATIONS</b>	
Serial Data Stream (SNMP v3/RS232, type):	Ethernet RJ45 Port and SNMP
Special (CIP, VMware ESX/ESXi/Other):	N/A
Discrete (Relay/Opto, Description):	N/A
<b>ADDITIONAL ELECTRICAL FEATURES AND CONTROLS/INTERFACE</b>	
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (Yes/No):	No
<b>CONNECTORS</b>	
Connector(s) AC Input (type, location):	L6-30P1 Connector on a 12' pigtail
Connector(s) AC Output (type, location):	10 each NEMA 5-20R Receptacles which accept NEMA 5-15P & 5-20P plugs
Connector(s) EBP/Charger (type, location):	N/A
<b>BATTERIES</b>	
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	12V10.5AH PbAcid
Battery Total Quantity:	9
Battery String Voltage:	108V
Battery String (number of strings, quantity per string):	1
Battery Minimum Run Time (approx. run time at #watts):	Approx. 10 minutes for a load of 2400 Watts Approx. 8 minutes for a load of 2700 Watts
Battery Mounting (hot swap/fixed):	Hot swap
External Battery Module (EBM) PN:	N/A
<b>EMI and ENVIRONMENTAL</b>	
Application (shipboard/airborne/ground/all):	All
Temperature (Operating):	-15°C to +40°C
Humidity:	0-95%, Non-Condensing

Specifications subject to change without notice.



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