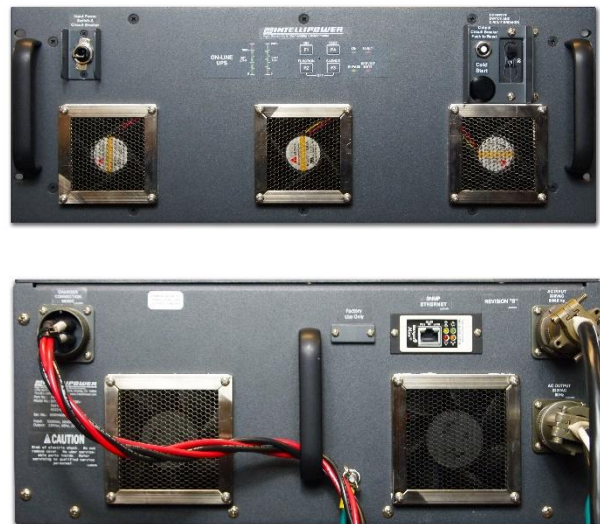


Uninterruptible Power System (UPS) FA00019

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 #:	FA00019	102121
Model #:	IHT5K-M-4kw-230v-Isol-D230v-4U23-GDSJNN	
Unit Description:	5KVA, 4KW Double Conversion, Isolated, 230VAC, 50/60Hz Input UPS with 230VAC, 60Hz Output, Frequency Conversion, Power Factor Correction and SNMP Communications.	

INPUT RATINGS

Input AC Voltage (AC Voltage, tolerance):	230 VAC, (-17% +12%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50 or 60 Hz, (+/- 5 Hz)
Input Max Current with Inverter Output (Amps):	30 Amps
PFC Feature:	Input power factor correction
Breaker & Switch Input (type, location):	Toggle Switch, Front Panel

OUTPUT RATINGS

Power Rating (VA, Watts):	5000 VA, 4000 W
Output AC Voltage (AC Voltage, tolerance):	230VAC, (64%)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	60 Hz, (+/-3 Hz), changer

(continued)

Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Neutral Bonded to Ground (bonded/un-bonded/switch):	Bonded
Breaker & Switch AC Output (type, location):	Push to Reset, Front Panel
Overload – Shutdown or Bypass (shutdown/bypass, %):	110% for 5 minutes, 150% for 2 seconds, 200% for 1 millisecond
MECHANICAL	
Enclosure Type & Size (type/rack unit, dimensions):	Rack Mountable 4U, 6.97"H x 17" W x 23" D
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum, powder coated charcoal gray
Enclosure Airflow (front to rear/front to side/other):	Front to rear
Enclosure – Special (IP65/Zone 1):	N/A
Weight:	Approx. 66 lbs.
Fan Filters (EMI/dust/combination/grill):	EMI
Conformal Coated PCBAs (yes/no):	Yes
INTERFACE COMMUNICATIONS	
Communications (SNMP2/SNMP3/RS232, type):	SNMP, Ethernet Jack, Rear Panel
Discrete (Relay/Opto, Description):	N/A
ADDITIONAL ELECTRICAL FEATURES AND CONTROLS/INTERFACE	
Auto Start (manual start/auto start):	Auto Start
Cold Start Switch (yes/no):	Yes
CONNECTORS	
Connector(s) AC Input (type, location):	1 each Circular Mil, Rear Panel
Connector(s) DC Input (type, location):	N/A
Connector(s) AC Output (type, location):	1 each Circular Mil, Rear Panel
Connector(s) DC Output (type, location):	N/A
Connector(s) EBP/Charger (type, location):	1 each Circular Mil, Rear Panel
BATTERIES	
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	N/A
Battery Total Quantity:	N/A
Battery String Voltage:	N/A
Battery String (number of strings, quantity per string)	N/A
Battery Minimum Run Time (approx. run time at #watts):	15 minutes at 4000W with EBM FA00021
Battery Mounting (hot swap/fixed):	EBM FA00021
EMI and ENVIRONMENTAL	
Application (shipboard/airborne/ground/all):	All
Operating Temperature:	-20°C to +50°C
Humidity:	0-95%, non-condensing

Specifications subject to change without notice.



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