# **UNINTERRUPTIBLE POWER SYSTEM (UPS)**

Rugged Double Conversion Global Input Isolated On Line UPS System with Power Factor Conversion and Frequency Conversion with SNMP Interface for Industrial Applications.





Part # FA00313

Model # IHT2000RM-M-1.4kw-115V-FC60-115V-Isol-6BFB-3U20.2-SNMP-L

# 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.







IP Part #:	Uninterruptible Power System (UPS)				
IP Model #:   IHT2000RM-M-1.4kw-115V-FC60-115V-Isol-6BFB-3U20.2-SNMP-L	IP Part #:	FA00313		, , ,	
Unit		<u> </u>	5V-FC60-115V-Isol	l-6BFB-3U20.2-SNMP-L	
Description:   Conversion with SNMP Interface for Industrial Applications					
SPECIFICATIONS   2000 VA, 1400 W   Input AC Voltage (AC Voltage, tolerance):   115 VAC, (20% +15%)   Input AC Voltage (DC Voltage, tolerance):   N/A   Input Frequency (Hz, tolerance):   N/A   Input Frequency (Hz, tolerance):   N/A   Input Frequency (Hz, tolerance):   15 VAC, (139k)   Input Max Current (Amps):   21 Amps   2			•	· · · · · · · · · · · · · · · · · · ·	
Power Rating (VA, Watts):	• •				
Input AC Voltage (AC Voltage, tolerance): 115 VAC, (-20% +15%) Input DC Voltage (DC Voltage, tolerance): N/A Input Frequency (Hz, tolerance): 50 or 60 Hz, (±3Hz) Input Max Current (Amps): 21 Amps Output AC Voltage (AC Voltage, tolerance): 115 VAC, (±3%) Output AC Voltage (DC Voltage, tolerance): N/A Output DC Voltage (DC Voltage, tolerance): N/A Output Sync Requirements: N/A Inclosure Type & Size (type/rack unit, dimensions): Rack Mountable 3U, 5.25"H x 17"W x 20.2"D  Enclosure Type & Size (type/rack unit, dimensions): Rack Mountable 3U, 5.25"H x 17"W x 20.2"D  Enclosure Marterial & Finish (aluminum/steel, finish): Aluminum  Enclosure Airflow (front to rear/front to side/other): Front-to-rear  Enclosure - Special (IP65/Cone 1): N/A  Connector(s) AC Input (type, location): 1 each IEC-320 C20 on a Pigtail Power Cord, Rear Panel  Connector(s) AC Output (type, location): N/A  Connector(s) AC Output (type, location): N/A  Connector(s) ED C Output (type, location): N/A  Enterty Type (rating, PbAcid/Pure PbAcid/Lithium Iron): 12V8-5Ah, Lead-Acid  Battery Total Quantity: 6  Battery Total Quantity: 6  Battery Total Quantity: 9  Battery String (number of strings, quantity per string) 1, 6  Battery Mounting (hot swap/fixed): Fixed  Extery Mounting (hot swap/fixed): Fixed  Extery Mounting (hot swap/fixed): Fixed  Extery Mounting (hot swap/fixed): Galvanic Isolation  Battery Mounting (hot swap/fixed): Galvanic Isolation  Application (shipboard/airborne/ground/all): All  Fan Filters (EM/dust/combination/grill): All  Fan Filters (EM/dust/combination/grill): All  Conformal Coated PCBAs (key-fno): Yes  Communications - Discrete (relay/opto, description): N/A  Communications - Discrete (relay/opto, description): N/A					
Input DC Voltage (DC Voltage, tolerance): Input Max Current (Amps): 21 Amps Output AC Voltage (AC Voltage, tolerance): Output DC Voltage (DC Voltage, tolerance): Output DC Voltage (DC Voltage, tolerance): Output DC Voltage (DC Voltage, tolerance): Output Sync Requirements: N/A  Inclusive Size (type/rack unit, dimensions): Rack Mountable 3U, 5.25"H x 17"W x 20.2"D  Inclusive Material & Finish (aluminum/steel, finish): Aluminum  Inclusive Airflow (front to rear/front to side/other): Input Power Factor Correction Input					
Input Frequency (Hz, tolerance):					
Input Max Current (Amps):				, ,	
Output AC Voltage (AC Voltage, tolerance): Output DC Voltage, tolerance): N/A Output DC Voltage, tolerance): N/A Output Pceurory (Hz, follower/changer): 60 Hz, Changer Output Sync Requirements: N/A Enclosure Type & Size (type/rack unit, dimensions): Enclosure Type & Size (type/rack unit, dimensions): Enclosure Alareiral & Finish (aluminum/steel, finish): Aluminum Enclosure Airflow (front to rear/front to side/other): Front-to-rear Enclosure - Special ([P65/Zone 1]: N/A Connector(s) AC Input (type, location): Connector(s) DC Input (type, location): N/A Connector(s) DC Output (type, location): N/A Connector(s) DC Output (type, location): N/A Connector(s) EBP/Charger (type, location): N/A Sattery Type (rating, PbAcid/Pure PbAcid/Lithium Iron): Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron): Battery String Voltage: Type (rating, PbAcid/Pure PbAcid/Lithium Iron): Battery String (number of strings, quantity per string) Battery String (number of strings, quantity per string) Battery Minimum Run Time (approx. run time at #watts): Pick Eature: Input Power Factor Correction  Battery Galvanic isolation/non-isolated): Galvanic Isolation (galvanic isolation/non-isolated): Galvanic Isolation (shipboard/airborne/ground/all): Application (shipboard/airborne/ground/all): Application (shipboard/airborne/ground/all): Application (shipboard/airborne/ground/all): Auto Start (manual start/auto start): Ouerload – Shutdown or Bypass (shutdown/bypass, %): SMMP, Ethernet Jack, Rear Panel Communications (SMMPZ/SNMP3/RS232, type): SMMP, Ethernet Jack, Rear Panel Communications – Discrete (relay/opto, description): N/A Communications – Discrete (relay/opto, description): N/A					
Output DC Voltage (DC Voltage, tolerance):         N/A           Output Frequency (Hz, follower/changer):         60 Hz, Changer           Output Sync Requirements:         N/A           Enclosure Type & Size (type/rack unit, dimensions):         Rack Mountable 3U, 5.25"H x 17"W x 20.2"D           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           Connector(s) AC Input (type, location):         1 each IEC-320 C20 on a Pigtail Power Cord, Rear Panel           Connector(s) DC Input (type, location):         N/A           Connector(s) DC Output (type, location):         N/A           Connector(s) DC Output (type, location):         N/A           Sattery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):         12V8.5Ah, Lead-Acid           Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):         12V8.5Ah, Lead-Acid           Battery String Voltage:         72 VDC           Battery String Voltage:         72 VDC           Battery Minimum Run Time (approx. run time at #watts):         9 minutes at 1400 W           Battery Mounting (hot swap/fixed):         Fixed           Temperature:         -10° C to +50° C Operating           Humidity:         0-95%, Non-Condensing					
Output Frequency (Hz, follower/changer):         60 Hz, Changer           Output Sync Requirements:         N/A           Enclosure Type & Size (type/rack unit, dimensions):         Rack Mountable 3U, 5.25"H x 17"W x 20.2"D           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           Connector(s) AC Input (type, location):         1 each IEC-320 C20 on a Pigtail Power Cord, Rear Panel           Connector(s) DC Input (type, location):         N/A           Connector(s) AC Output (type, location):         N/A           Connector(s) EBP/Charger (type, location):         N/A           Connector(s) EBP/Charger (type, location):         N/A           Connector(s) EBP/Charger (type, location):         N/A           Sattery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):         12V8.5Ah, Lead-Acid           Battery String Voltage:         72 VDC           Battery String (number of strings, quantity per string)         1, 6           Battery Minimum Run Time (approx. run time at #watts):         9 minutes at 1400 W           Battery Mounting (hot swap/fixed):         Fixed           Temperature:         -10°C to +50°C Operating           Humidity:         0-95%, Non-Condensing <tr< th=""><td colspan="2"></td><td></td><td></td></tr<>					
Output Sync Requirements:  Enclosure Type & Size (type/rack unit, dimensions):  Enclosure Material & Finish (aluminum/steel, finish):  Enclosure Material & Finish (aluminum/steel, finish):  Enclosure Airflow (front to rear/front to side/other):  Enclosure - Special (IP65/Zone 1):  N/A  Connector(s) AC Input (type, location):  Connector(s) DC Input (type, location):  Connector(s) DC Dutput (type, location):  Connector(s) DC Output (type, location):  Connector(s) DC Output (type, location):  N/A  Connector(s) BBP/Charger (type, location):  N/A  Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery String (number of strings, quantity per string)  Battery String (number of strings, quantity per string)  Battery Minimum Run Time (approx. run time at #watts):  Battery Mounting (hot swap/fixed):  Fixed  Fixed  Humidity:  O-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Auto Start  Galvanic Isolation  Auto Start  Conformal Coated PCBAs (yes/no):  Communications - Special (ICP/VMware ESX/ESXI/other):  N/A  Communications - Discrete (relay/opto, description):  N/A  Communications - Discrete (relay/opto, description):  N/A  Communications - Discrete (relay/opto, description):  N/A  Communications - Description:  N/A  Communications - Discrete (relay/opto, description):  N/A  Communications - Discrete (relay/opto, description):  N/A					
Enclosure Type & Size (type/rack unit, dimensions): Enclosure Material & Finish (aluminum/steel, finish): Enclosure Airfilow (front to rear/front to side/other): Enclosure - Special (IP65/Zone 1): Enclosure - Special (IP67/Sone 2): Enclosure - Special (IP67/Son					
Enclosure Material & Finish (aluminum/steel, finish): Enclosure Airflow (front to rear/front to side/other): Enclosure - Special (IP65/Zone 1):  Connector(s) AC Input (type, location):  Connector(s) AC Input (type, location):  Connector(s) AC Output (type, location):  Connector(s) AC Output (type, location):  Connector(s) DC Output (type, location):  A each Locking IEC C-19, Rear Panel  Connector(s) EBP/Charger (type, location):  N/A  Connector(s) EBP/Charger (type, location):  N/A  Connector(s) EBP/Charger (type, location):  N/A  Sattery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery Total Quantity:  6  Battery String (voltage:  72 VDC  Battery String (number of strings, quantity per string)  Battery Mounting (hot swap/fixed):  Fixed  Temperature:  -10°C to +50°C Operating  Humidity:  0-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all):  All  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Auto Start (manual start/auto start):  Auto Start (manual start/auto start):  Conformal Coated PCBAS (yes/no):  Conformal Coated PCBAS (yes/no):  Communications - Special (CIP/VMware ESX/ESXi/other):  N/A  Communications - Discrete (relay/opto, description):  N/A				,	
Enclosure Airflow (front to rear/front to side/other): Enclosure - Special (IP65/Zone 1): N/A Connector(s) AC Input (type, location): N/A Connector(s) DC Input (type, location): N/A Connector(s) DC Unput (type, location): N/A Connector(s) AC Output (type, location): N/A Connector(s) DC Unput (type, location): N/A Connector(s) DC Unput (type, location): N/A Connector(s) DEP/Charger (type, location): N/A Connector(s) EBP/Charger (type, location): N/A Sattery Type (rating, PhAcid/Pure PhAcid/Lithium Iron): 12V8.5Ah, Lead-Acid Battery Total Quantity: 6 Battery String Voltage: 72 VDC Battery String (number of strings, quantity per string) Battery Minimum Run Time (approx. run time at #watts): 9 minutes at 1400 W Battery Mounting (hot swap/fixed): Fixed Temperature: 10°C to +50°C Operating Humidity: 0-95%, Non-Condensing PFC Feature: Input Power Factor Correction Isolation (galvanic isolation/non-isolated): Galvanic Isolation Application (shipboard/airborne/ground/all): All Earl [Ettl/(dust/combination/grill): EMI Auto Start (manual start/auto start): Auto Start (manual start/auto start): Auto Start (manual start/auto start): No Overload – Shutdown or Bypass (shutdown/bypass, %): Communications – Special (CIP/VMware ESX/ESXi/other): N/A Communications – Discrete (relay/opto, description): N/A					
Enclosure – Special (IP65/Zone 1):  Connector(s) AC Input (type, location):  Connector(s) DC Input (type, location):  Connector(s) DC Output (type, location):  Connector(s) DC Output (type, location):  A each Locking IEC C-19, Rear Panel  Connector(s) DC Output (type, location):  N/A  Connector(s) EBP/Charger (type, location):  N/A  Sattery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery String Voltage:  Battery String (number of strings, quantity per string)  Battery String (number of strings, quantity per string)  Battery Minimum Run Time (approx. run time at #watts):  Battery Mounting (hot swap/fixed):  Fixed  Temperature:  -10°C to +50°C Operating  Humidity:  O-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Galvanic Isolation  Application (shipboard/airborne/ground/aill):  All  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Bypass at 15% Overload  Conformal Coated PCBAs (yes/no):  Communications – Special (CIP/VMware ESX/ESXi/other):  N/A  Communications – Discrete (relay/opto, description):  N/A					
Connector(s) AC Input (type, location):  Connector(s) DC Input (type, location):  Connector(s) DC Output (type, location):  N/A  Connector(s) DC Output (type, location):  N/A  Connector(s) DC Output (type, location):  N/A  Connector(s) EBP/Charger (type, location):  N/A  Connector(s) EBP/Charger (type, location):  Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery Total Quantity:  Battery String Voltage:  Battery String (number of strings, quantity per string)  Battery Minimum Run Time (approx. run time at #watts):  Battery Mounting (hot swap/fixed):  Fixed  Temperature:  -10°C to +50°C Operating  Humidity:  D-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Galvanic Isolation  Application (shipboard/airborne/ground/all):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  No  Overload – Shutdown or Bypass (shutdown/bypass, %):  Communications – Discrete (relay/opto, description):  N/A  Communications – Discrete (relay/opto, description):  N/A  Communications – Discrete (relay/opto, description):  N/A			tner):		
Connector(s) DC Input (type, location):  Connector(s) AC Output (type, location):  Connector(s) DC Output (type, location):  N/A  Connector(s) EBP/Charger (type, location):  N/A  Sattery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery String (PbAcid/Pure PbAcid/Lithium Iron):  Battery String Voltage:  Battery String (number of strings, quantity per string)  Battery String (number of strings, quantity per string)  Battery Minimum Run Time (approx. run time at #watts):  Battery Mounting (hot swap/fixed):  Fixed  Temperature:  -10°C to +50°C Operating  Humidity:  0-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all):  AII  Fan Filters (EMI/dust/combination/grill):  EMI  Auto Start (manual start/auto start):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload — Shutdown or Bypass (shutdown/bypass, %):  Bypass at 15% Overload  Conformal Coated PCBAs (yes/no):  Yes  Communications - Special (CIP/VMware ESX/ESXi/other):  N/A  Communications - Discrete (relay/opto, description):  N/A				·	
Connector(s) AC Output (type, location):  Connector(s) DC Output (type, location):  N/A  Connector(s) EBP/Charger (type, location):  N/A  Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery Tytoge (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery String Voltage:  Battery String (number of strings, quantity per string)  Battery Minimum Run Time (approx. run time at #watts):  Battery Mounting (hot swap/fixed):  Fixed  Temperature:  -10°C to +50°C Operating  Humidity:  0-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all):  All  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  No  Overload – Shutdown or Bypass (shutdown/bypass, %):  Communications (SNMP2/SNMP3/RS232, type):  SNMP, Ethernet Jack, Rear Panel  Communications – Discrete (relay/opto, description):  N/A					
Connector(s) DC Output (type, location):  Connector(s) EBP/Charger (type, location):  Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery String (number of strings, quantity per string)  Battery String (number of strings, quantity per string)  Battery String (number of strings, quantity per string)  Battery Minimum Run Time (approx. run time at #watts):  Battery Mounting (hot swap/fixed):  Fixed  Temperature:  -10°C to +50°C Operating  Humidity:  0-95%, Non-Condensing  PFC Feature: Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all): All  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  N/A  Communications – Discrete (relay/opto, description):  N/A					
Connector(s) EBP/Charger (type, location):  Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery Total Quantity:  6  Battery String Voltage:  72 VDC  Battery String (number of strings, quantity per string)  1, 6  Battery Minimum Run Time (approx. run time at #watts):  9 minutes at 1400 W  Battery Mounting (hot swap/fixed):  Fixed  Temperature:  -10°C to +50°C Operating  Humidity:  0-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all):  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Comformal Coated PCBAS (yes/no):  Communications – Special (CIP/VMware ESX/ESXi/other):  N/A  Communications – Discrete (relay/opto, description):  N/A					
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):  Battery Total Quantity:  Battery String Voltage:  Battery String (number of strings, quantity per string)  Battery Minimum Run Time (approx. run time at #watts):  Battery Minimum Run Time (approx. run time at #watts):  Battery Mounting (hot swap/fixed):  Fixed  Temperature:  Humidity:  0-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Galvanic Isolation  Application (shipboard/airborne/ground/all):  All  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Bypass at 15% Overload  Conformal Coated PCBAS (yes/no):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  N/A  Communications – Discrete (relay/opto, description):  N/A					
Battery Total Quantity:  Battery String Voltage:  Battery String (number of strings, quantity per string)  1, 6  Battery Minimum Run Time (approx. run time at #watts):  Battery Mounting (hot swap/fixed):  Temperature:  -10°C to +50°C Operating  Humidity:  0-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all):  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  N/A  Communications – Discrete (relay/opto, description):  N/A					
Battery String Voltage: 72 VDC  Battery String (number of strings, quantity per string) 1, 6  Battery Minimum Run Time (approx. run time at #watts): 9 minutes at 1400 W  Battery Mounting (hot swap/fixed): Fixed  Temperature: -10°C to +50°C Operating  Humidity: 0-95%, Non-Condensing  PFC Feature: Input Power Factor Correction  Isolation (galvanic isolation/non-isolated): Galvanic Isolation  Application (shipboard/airborne/ground/all): All  Fan Filters (EMI/dust/combination/grill): EMI  Auto Start (manual start/auto start): Auto Start  Cold Start Switch (yes/no): No  Overload – Shutdown or Bypass (shutdown/bypass, %): Bypass at 15% Overload  Conformal Coated PCBAs (yes/no): Yes  Communications (SNMP2/SNMP3/RS232, type): SNMP, Ethernet Jack, Rear Panel  Communications – Special (CIP/VMware ESX/ESXi/other): N/A  Communications – Discrete (relay/opto, description): N/A			um Iron):		
Battery String (number of strings, quantity per string)  Battery Minimum Run Time (approx. run time at #watts):  Battery Mounting (hot swap/fixed):  Fixed  Temperature:  -10°C to +50°C Operating  Humidity:  0-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all):  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  N/A  Communications – Discrete (relay/opto, description):  N/A	Battery Total Quantity:				
Battery Minimum Run Time (approx. run time at #watts):  Battery Mounting (hot swap/fixed):  Temperature:  -10°C to +50°C Operating  Humidity:  0-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all):  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  Communications – Discrete (relay/opto, description):  N/A	Battery String Voltage:			72 VDC	
Battery Mounting (hot swap/fixed):  Fixed  Temperature:  -10°C to +50°C Operating  Humidity:  0-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all):  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  N/A  Communications – Discrete (relay/opto, description):  N/A				1,6	
Temperature:  -10°C to +50°C Operating  Humidity:  0-95%, Non-Condensing  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all):  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  Communications – Discrete (relay/opto, description):  N/A	Battery Minimum Run Time (approx. run time at #watts):		at #watts):	9 minutes at 1400 W	
Humidity:  PFC Feature:  Input Power Factor Correction  Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all):  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  Communications – Discrete (relay/opto, description):  N/A	Battery Mounting (hot swap/fixed):			Fixed	
PFC Feature: Input Power Factor Correction  Isolation (galvanic isolation/non-isolated): Galvanic Isolation  Application (shipboard/airborne/ground/all): All  Fan Filters (EMI/dust/combination/grill): EMI  Auto Start (manual start/auto start): Auto Start  Cold Start Switch (yes/no): No  Overload – Shutdown or Bypass (shutdown/bypass, %): Bypass at 15% Overload  Conformal Coated PCBAs (yes/no): Yes  Communications (SNMP2/SNMP3/RS232, type): SNMP, Ethernet Jack, Rear Panel  Communications – Special (CIP/VMware ESX/ESXi/other): N/A  Communications – Discrete (relay/opto, description): N/A				-10°C to +50°C Operating	
Isolation (galvanic isolation/non-isolated):  Application (shipboard/airborne/ground/all):  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Conformal Coated PCBAs (yes/no):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  Communications – Discrete (relay/opto, description):  N/A	Humidity:			0-95%, Non-Condensing	
Application (shipboard/airborne/ground/all):  Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Bypass at 15% Overload  Conformal Coated PCBAs (yes/no):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  N/A  Communications – Discrete (relay/opto, description):  N/A	PFC Feature:			Input Power Factor Correction	
Fan Filters (EMI/dust/combination/grill):  Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Conformal Coated PCBAs (yes/no):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  N/A  Communications – Discrete (relay/opto, description):  N/A				Galvanic Isolation	
Auto Start (manual start/auto start):  Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Conformal Coated PCBAs (yes/no):  Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  Communications – Discrete (relay/opto, description):  N/A	Application (shipboard/airborne/ground/all):			All	
Cold Start Switch (yes/no):  Overload – Shutdown or Bypass (shutdown/bypass, %):  Bypass at 15% Overload  Conformal Coated PCBAs (yes/no):  Communications (SNMP2/SNMP3/RS232, type):  SNMP, Ethernet Jack, Rear Panel  Communications – Special (CIP/VMware ESX/ESXi/other):  N/A  Communications – Discrete (relay/opto, description):  N/A	Fan Filters (EMI/dust/combination/grill):			EMI	
Overload – Shutdown or Bypass (shutdown/bypass, %):       Bypass at 15% Overload         Conformal Coated PCBAs (yes/no):       Yes         Communications (SNMP2/SNMP3/RS232, type):       SNMP, Ethernet Jack, Rear Panel         Communications – Special (CIP/VMware ESX/ESXi/other):       N/A         Communications – Discrete (relay/opto, description):       N/A	Auto Start (manual start/auto start):			Auto Start	
Communications (SNMP2/SNMP3/RS232, type):  Communications – Special (CIP/VMware ESX/ESXi/other):  Communications – Discrete (relay/opto, description):  N/A				No	
Communications (SNMP2/SNMP3/RS232, type):       SNMP, Ethernet Jack, Rear Panel         Communications – Special (CIP/VMware ESX/ESXi/other):       N/A         Communications – Discrete (relay/opto, description):       N/A	Overload – Shutdown or Bypass (shutdown/bypass, %):		pass, %):	Bypass at 15% Overload	
Communications – Special (CIP/VMware ESX/ESXi/other): N/A Communications – Discrete (relay/opto, description): N/A	Conformal Coated PCBAs (yes/no):			Yes	
Communications – Discrete (relay/opto, description): N/A	Communications (SNMP2/SNMP3/RS232, type):		):	SNMP, Ethernet Jack, Rear Panel	
	Communications – Special (CIP/VMware ESX/ESXi/other):		SXi/other):	N/A	
Breaker & Switch Input (type, location): Toggle switch, Front Panel	Communications – Discrete (relay/opto, description):		otion):	N/A	
	Breaker & Switch Input (type, location):			Toggle switch, Front Panel	
Breaker & Switch AC Output (type, location): Push to reset, Rear Panel	Breaker & Switch AC Output (type, location):				
Breaker & Switch DC Output (type, location):  N/A				N/A	
	Neutral Bonded to Ground (bonded/un-bonded/switch):		l/switch):		

ISO 9001: 2008 Certified

TAA Compliant



