

UNINTERRUPTIBLE POWER SYSTEM (UPS)

500VA, 350W, 115 or 230 VAC 50/60Hz Input and 120VAC 60Hz Output, Double Conversion On-Line, Rugged with Power Factor Correction for Industrial Applications.



Part # FA00008

Model # IQ500H-DI-Isol-FC-PFC

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.

ISO 9001: 2008 Certified

IntelliPower is committed to customer satisfaction by delivering power system solutions and services that meet or exceed customer requirements through design innovation and continuous improvement.

To find out more about IntelliPower capabilities, please visit our website at www.intellipower.com/capabilities.

CORPORATE HEADQUARTERS

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All products designed and manufactured in the U.S.A.



Uninterruptible Power Supply (UPS)	
IP Part #:	FA00008
IP Model #:	IQ500H-DI-Isol-FC-PFC
Unit Description:	500VA, 350W, 115 or 230 VAC 50/60Hz Input and 120VAC 60Hz Output, Double Conversion On-Line, Rugged with Power Factor Correction for Industrial Applications.
SPECIFICATIONS	
Power Rating (VA, Watts):	500 VA, 350 W
Input AC Voltage (AC Voltage, tolerance):	115 or 230 VAC, (-25% +15%)
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50 or 60 Hz, (± 5 Hz)
Input Max Current (Amps):	6 Amps
Output AC Voltage (AC Voltage, tolerance):	120 VAC, (± 3 %)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	60 Hz, changer
Output Sync Requirements:	Synced to within ± 3 Hz of the Input Frequency if equal to 60 Hz
Enclosure Type & Size (type/rack unit, dimensions):	Rack Mountable 2U, 3.5"H x 17"W x 18"D
Enclosure Material & Finish (aluminum/steel, finish):	Steel
Enclosure Airflow (front to rear/front to side/other):	Side to rear
Enclosure – Special (IP65/Zone 1):	N/A
Connector(s) AC Input (type, location):	1 each IEC-320 C14, Rear Panel
Connector(s) DC Input (type, location):	N/A
Connector(s) AC Output (type, location):	4 each NEMA 5-15R, Rear Panel
Connector(s) DC Output (type, location):	N/A
Connector(s) EBP/Charger (type, location):	N/A
Battery Type (rating, PbAcid/Pure PbAcid/Lithium Iron):	12V7.0Ah, Lead Acid
Battery Total Quantity:	2
Battery String Voltage:	24 VDC
Battery String (number of strings, quantity per string)	1 string, 2 batteries
Battery Minimum Run Time (approx. run time at #watts):	12 minutes at 325 W
Battery Mounting (hot swap/fixe d):	Fixed
Temperature:	0C to +40C
Humidity:	0 to 95%, Non-Condensing
PFC Feature:	Yes
Isolation (galvanic isolation/non-isolated):	Galvanic Isolation
Application (shipboard/airborne/ground/all):	Ground
Fan Filters (EMI/dust/com bination/grill):	N/A
Auto Start (manual start/auto start):	Yes
Cold Start Switch (yes/no):	No
Overload – Shutdown or Bypass (shutdown/bypass, %):	Shutdown at 115%
Conformal Coated PCBAs (yes/no):	No
Communications (SNMP2/SNMP3/RS232, type):	N/A
Communications – Special (CIP/VMware ESX/ESXi/other):	RS232 DE-9 D-subminiature, Opto-Isolated, Rear Panel
Communications – Discrete (relay/opto, description):	N/A
Breaker & Switch Input (rating, type, location):	Rocker Switch, Rear Panel
Breaker & Switch AC Output (rating, type, location):	Push to Reset, Rear Panel
Breaker & Switch DC Output (rating, type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Bonded

ISO 9001: 2008 Certified Facility

Military Standards


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