

POWER CONVERTER

IntelliPower Rack Mount Input Isolation Transformer for 120VAC Input and Output. Includes surge protection.



Part # FA00149

Model # ITRM-500VA-DiACin-120vOut-1U12

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

1746 N. Saint Thomas Circle • Orange, CA 92865 USA
Tel: 714.921.1580 • Fax: 714.921.4023
Email: sales@intellipower.com • www.intellipower.com

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



SPECIFICATIONS	
IP Part #:	FA00149
IP Model #:	ITRM-500VA-DiACin-120vOut-1U12
Unit Description:	IntelliPower Rack Mount Input Isolation Transformer for 120VAC Input and Output. Includes surge protection
Power Rating (VA, Watts):	500VA
Input AC Voltage (AC Voltage, tolerance):	Global auto select 120/240VAC
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	50/60Hz
Input Max Current (Amps):	12 Amps
Output AC Voltage (AC Voltage, tolerance):	120VAC ($\pm 3\%$)
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	50/60 Hz Follower
Output Sync Requirements:	N/A
Enclosure Type & Size (type/rack unit, dimensions):	1U, 1.75" H x 17" W x 12" 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, pin outs):	1 each IEC-320-C14 plug
Connector(s) DC Input (type, location, pin outs):	N/A
Connector(s) AC Output (type, location, pin outs):	2 ea IEC-320-13R
Connector(s) DC Output (type, location, pin outs):	N/A
Connector(s) EBP/Charger (type, location, pin outs):	N/A
Temperature (operating, storage):	N/A
Humidity:	N/A
PFC Feature:	N/A
Isolation (galvanic isolation/non-isolated):	N/A
Application (shipboard/airborne/ground/all):	N/A
Fan Filters (EMI/dust/combo/grill):	N/A
Auto Start (manual start/auto start):	N/A
Cold Start Switch (yes/no):	0-95%, non-condensing
Overload – Shutdown or Bypass (shutdown/bypass, %):	Input Power Factor Correction
Conformal Coated PCBAs (yes/no):	Yes
Communications (SNMP2/SNMP3/RS232, type):	N/A
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
Communications – Discrete (relay/opto, description):	N/A
Breaker & Switch Input (rating, type, location):	Toggle switch on front panel
Breaker & Switch AC Output (rating, type, location):	Push to reset on front panel
Breaker & Switch DC Output (rating, type, location):	N/A
Neutral Bonded to Ground (bonded/un-bonded/switch):	Bonded

ISO 9001: 2008 Certified

Mil Standards



CORPORATE HEADQUARTERS

1746 N. Saint Thomas Circle • Orange, CA 92865 USA
Tel: 714.921.1580 • Fax: 714.921.4023
Email: sales@intellipower.com • www.intellipower.com

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

