

POWER DISTRIBUTION UNIT (PDU)

External Input/output panel with GFD, ISOMETER, and EPO.



Part # FA10052

Model # PDU-RM-DiAC-96VDC-CAB

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.



Power Distribution Unit (PDU)	
IP Part #:	FA10052
IP Model #:	PDU-RM-DiAC-96VDC-CAB
Unit Description:	External Input/output panel with GFD, ISOMETER, and EPO.
SPECIFICATIONS	
Power Rating (VA, Watts):	6000VA, 4500W
Input AC Voltage (AC Voltage, tolerance):	120 or 240VAC (-20% +15%)
Input DC Voltage (DC Voltage, tolerance):	96VDC, Nominal (x2)
Input Frequency (Hz, tolerance):	50 or 60Hz
Output AC Voltage (AC Voltage, tolerance):	120VAC
Output DC Voltage (DC Voltage, tolerance):	96VDC, Nominal (2)
Output Frequency (Hz, frequency follower/changer):	60Hz
Enclosure Type & Size (type/rack unit, dimensions):	8U 13.97" X 17" X 22.20"
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum
Enclosure – Special (IP65/Zone 1):	N/A
Connector(s) AC Input (type, location, pin outs):	Terminal Block
Connector(s) DC Input (type, location, pin outs):	N/A
Connector(s) AC Output (type, location, pin outs):	(9) each Terminal Blocks (500W each terminal Set)
Connector(s) DC Output (type, location, pin outs):	N/A
Connector(s) EBP/Charger (type, location, pin outs):	N/A
Temperature (operating, storage):	0C to +55C
Humidity:	0 to 95%, non-condensing
Conformal Coated PCBAs (yes/no):	Yes
Breaker & Switch Input (type, location, rating):	2P90A, Shunt Trip (120 input) 2P50A Shunt Trip (240 Input)
Breaker & Switch AC Output (type, location, rating):	2P50A +9 x 1P5.0 w/Aux Switch (Push/Pull Type)
Breaker & Switch DC Output (type, location, rating):	4P50A, Shunt Trip
Neutral Bonded to Ground (bonded/un-bonded/switch):	UNBONDED Note: If Non-Isolated Enter Un-Bonded
If Switch, Factory Default Is:	N/A
EMI Input Filter:	STANDARD (on XFMR Secondaries)
EMI Output Filter:	N/A

ISO 9001: 2008 Certified Facility

Military Standards

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