Power Distribution Unit (PDU)
FA10510

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.

Power Distribution Unit (PDU)		
Part #:	FA10510	102121
Model #:	IPDU-24VDC-500W-DPPin-9CB-TBout-2U16	
Unit Description:	500 Watts, 24 VDC Input and Output, 9 Toggle Switched Circuit Breakers, 4 Position Input Terminal Block Strip, and 6 and 10 Position Output Terminal Block Strips.	

INPUT RATINGS	
Input AC Voltage (AC Voltage, tolerance):	N/A
Input DC Voltage (DC Voltage, tolerance):	24 VDC
Input Frequency (Hz, tolerance):	N/A
Input Max Current (Amps):	25 Amps
Breaker & Switch Input (type, location):	N/A
OUTPUT RATINGS	
Power Rating (VA, Watts):	500 Watts
Output AC Voltage (AC Voltage, tolerance):	N/A
Output DC Voltage (DC Voltage, tolerance):	24 VDC
Output Frequency (Hz, follower/changer):	N/A

(continued)

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MADE IN USA
TAA COMPLIANT

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Neutral Bonded to Ground (bonded/un-bonded/switch):	Un-bonded
Breaker & Switch DC Output (type, location):	8 Each, Sensata Airpax IUGN66 series. #72 trip curve, Toggle Switch, Front Panel
MECHANICAL	
Enclosure Type & Size (type/rack unit, dimensions):	Rack Mountable 2U, 1.72" x 17.0" x 16", (H x W x D)
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum, chem. coated, charcoal gray
Enclosure – Special (IP65/Zone 1):	N/A
Nominal Weight +/- lbs.:	15 Nominal / 20 lbs. Maximum
Fan Filters (EMI/dust/combination/grill):	None
Conformal Coated PCBAs (yes/no):	N/A
CONNECTORS	
Connector(s) AC Input (type, location):	N/A
Connector(s) DC Input (type, location):	1 each 604 GP 04 Terminal Block
Connector(s) AC Output (type, location):	N/A
Connector(s) DC Output (type, location):	1 each 671 RZ 06 Terminal Block 1 each 670A RZ 10 Terminal Block

Specifications subject to change without notice.