

# Power Distribution Unit (PDU)

## FA00392

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)

<b>Part #:</b>	<b>FA00392</b>	<b>102121</b>
<b>Model #:</b>	<b>IPDUL530L515R10</b>	
<b>Unit Description:</b>	<b>115Vac Input, L5-30P1 on 43.5 Attached Power Cord, L5-15R10 Output, Each Output having a Circuit/Switch control, 1U9.5, Aluminum.</b>	

#### INPUT RATINGS

Input AC Voltage (AC Voltage, tolerance):	115 VAC
Input DC Voltage (DC Voltage, tolerance):	N/A
Input Frequency (Hz, tolerance):	N/A
Breaker & Switch Input (type, location):	2P25A Switch/Circuit Breaker, On Front

#### OUTPUT RATINGS

Power Rating (VA, Watts):	2875VA, 2875W
Output AC Voltage (AC Voltage, tolerance):	115 Vac
Output DC Voltage (DC Voltage, tolerance):	N/A
Output Frequency (Hz, follower/changer):	N/A

(continued)

Neutral Bonded to Ground (bonded/un-bonded/switch):	Un-bonded
Breaker & Switch AC Output (type, location):	1P15A Push Pull, One for Each Output, On Front
<b>MECHANICAL</b>	
Enclosure Type & Size (type/rack unit, dimensions):	1U, 9.5, 1.72" H x 17.0" W x 9.5" D
Enclosure Material & Finish (aluminum/steel, finish):	Aluminum, chem. coated, charcoal gray
Enclosure – Special (IP65/Zone 1):	N/A
Fan Filters (EMI/dust/comboination/grill):	None
Conformal Coated PCBAs (yes/no):	N/A
<b>INTERFACE COMMUNICATIONS</b>	
Communications (SNMP2/SNMP3/RS232, type):	N/A
Communications – Special (CIP/VMware ESX/ESXi/other):	N/A
<b>CONNECTORS</b>	
Connector(s) AC Input (type, location):	L5-30P on 43.5" Cord
Connector(s) DC Input (type, location):	N/A
Connector(s) AC Output (type, location):	L5-15R10
Connector(s) DC Output (type, location):	N/A
<b>EMI and ENVIRONMENTAL</b>	
Application (shipboard/airborne/ground/all):	All
Operating Temperature:	-20°C to +40°C
Humidity:	0-95%, non-condensing

Specifications subject to change without notice.