



**Wide Range Input:  
88 - 265VAC**

**Power Factor  
Correction:  
EN61000-3-2**

**EMI Class B Conducted  
& Radiated Emission  
EN55022B, FCC20780B**

**High Efficiency  
(90% typ.)**

**Low Profile (1.08")**

**Remote On/Off**

**N+1 Parallel Operation**

**Wide Range Output**

**Aux. Power Supply**

**Inverter Good Signal**

The PD600 is designed as an integrated module providing AC/DC conversion, PFC, filtering, as well as monitoring and signal generation in one unit.

A custom power supply is achieved by incorporating the PD module with a PCB, heatsink, and output connector to provide an extremely compact mechanical design, with worldwide Safety Agency Approvals, backed by a 2 year warranty.

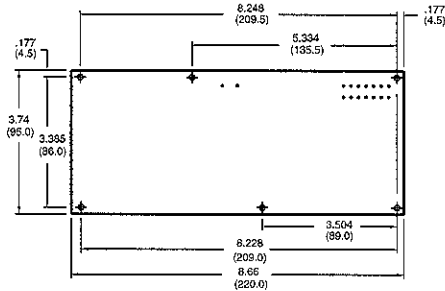
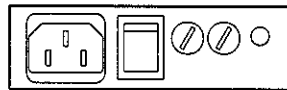
The PD600 module offers maximum design flexibility for Telecommunications and related applications.

#### Similar products

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<b>AC Input</b> .....	88-265 or 187-265VAC, 47-63Hz.
<b>Efficiency</b> .....	85% @ 88-265VAC band. 90% @ 187-265VAC band.
<b>Power Factor Correction</b> .....	Compliant to EN 61000-3 and EN60555-2.
<b>Input Current</b> .....	4.2A @ 88-265VAC band. 3.0A @ 187-265VAC band.
<b>Inrush Current Limiting</b> .....	25A max. @ 265 VAS.
<b>Conducted Radio EMI</b> .....	The standard PD600-230-48 meets Level B EMI (conducted) to FCC 20780B and EN55022B.
<b>Withstand Voltage</b> .....	Input to Output - 3.0kVAC Input to Baseplate - 1.5kVAC for 1 minute. Output to Baseplate - 500VDC for 1 minute.
<b>Output Voltage Adj Range</b> ..	24 to 58.5VDC.
<b>Line Regulation</b> .....	0.5%.
<b>Load Regulation</b> .....	0.5%.
<b>Ripple and Noise</b> .....	400mV.
<b>Bulk Power Supply</b> .....	370 VDC. 1.5A max.
<b>Auxiliary Bias Supply</b> .....	11-13VDC, 30mA max.
<b>Hold-up Time</b> .....	minimum 5ms. (Higher with external capacitor added).
<b>Overcurrent Protection</b> .....	Constant Power Characteristic (630W) with Automatic Recovery.
<b>Overvoltage Protection</b> .....	60-62VDC.
<b>Cooling</b> .....	Conduction Cooled.
<b>Operating Temperature Range</b>	-20°C to +85°C (baseplate) ; -20°C to +45°C (ambient).
<b>Storage Temperature</b> .....	-40°C to +85°C.
<b>Temperature Coefficient</b> .....	0.02% per °C.
<b>Operating Humidity</b> .....	30-95% RH (No dewdrop).
<b>Storage Humidity</b> .....	10-95% RH (No dewdrop).
<b>Isolation Resistance</b> .....	More than 100MΩ at 25°C and 70% RH.
<b>Shock</b> .....	Less than 20G (in package).
<b>Safety Agency Approval</b> .....	Built to meet UL1950, CSA22.2 No. 234, EN60950, CE low voltage directive.
<b>Warranty</b> .....	2 years.

OUTPUT	NOMINAL INPUT (VDC)	POWER (W)	AMPS	MODEL
<b>50.5V</b>	110	404	8.0	<b>PD600230-48</b>
	220	606	12.00	



NOTE:  
1. DIMENSIONS ARE IN INCHES EXCEPT DIMENSIONS ( ) ARE IN MM.  
2. 6x M3 EMBOSS, TAPPED AND COUNTERSUNK HOLES FOR CUSTOMER MTG. SCREWS MUST NOT PROTRUDE INTO POWER SUPPLY BY MORE THAN .30 (10.0).  
3. WEIGHT: 750 GRAMS