

**PFC200 200W SINGLE OUTPUT SUPPLY w/ PFC**  
**90-264VAC IN 24 & 48VDC OUT**  
**PFC200 SERIES**

- Low profile: 3.85" x 11" x 1.25" case
- Component height: 0.8"
- Electronic power factor correction
- Adjustable single output
- 200W output power
- Full electronic protection
- Telecom quality
- Field-proven design topology
- N+1 redundancy available



The PFC200 is a low profile, AC/DC converter with power-factor-corrected input that utilizes half-bridge topology to deliver 200W. The particular design of the PFC200 lends itself to easy customization to customer requirements where low profile is essential. The component height above the PCB is only 0.8". Suitable for a wide range of applications, the PFC200 features full electronic protection, high efficiency and low output noise.

**SPECIFICATIONS**

<b>Input Voltage</b> 90VAC to 264VAC Universal	<b>Output Voltages</b> 24V/8A & 48V/4A at full input range. Consult factory for other voltages	<b>EMI</b> EN 55022 Class B	<b>Dimensions</b> 3.85" x 11" x 1.25" case
<b>Power Factor</b> Min 0.97 at full load for the entire input range. Complies with EN61000-3-2	<b>Efficiency</b> Min 80% at full load	<b>Output Ripple/Noise</b> Better than 1% of output voltage peak to peak or 0.2% RMS of the output voltage (20MHZ BW)	<b>Connections</b> Screw-type terminal block
<b>Input Protection</b> Thermal fuse Inrush current limiting	<b>Line/Load Regulation</b> ± 1% combined	<b>Hold Up Time</b> Minimum 20ms at full load	<b>Weight</b> 1.9lbs (0.86kg)
<b>Input Isolation/Safety</b> 2250VDC input to chassis 4300VDC input to output 8mm spacing 500VDC output to chassis Full compliance to IEC950, CSA 22-2-950, UL 1950 and CE marking requirements.	<b>Output Overvoltage Protection</b> Double regulator loop	<b>Operating Temperature</b> 0° C to +50° C. Airflow of 10cfm, or good conduction cooling are required.	<b>Output Fail Alarm</b> Via opto-coupler (normal operation: C-E conducts)
	<b>Overload Protection</b> Rectangular current limiting with short circuit protection Thermal shutdown with automatic reset in case of insufficient airflow	<b>Temperature Drift</b> 0.03% per °C over operating temperature range	

Warranty: Twelve months subject to application within good engineering practice.  
 Enhancements to these general specifications and customizing can be accommodated upon request  
 Designed to meet all approval requirements. Specifications subject to change.

**Designer and manufacturer of quality converters, inverters, UPS systems, complete rack mount systems and DC-input fluorescent lamp inverters since 1982. Custom or standard.**  
**Absopulse is a BAPT-approved Facility**

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