



PF series

85 watts

Features:

- *0.99 power factor corrected*
- *Meets EN55022 Class "B" emissions*
- *Dual Output*

Ideally Suited For:

- *Computer Peripherals*
- *Data Storage Systems*
- *Tape or Disk Drives*



Input Characteristics

Input Voltage:	90-264 VAC
Input Filtering	EN55022 Class B
Efficiency	75% typical
Input Frequency:	47-63 Hz
Power Factor:	0.99 typical
Hold-up Time:	20 mSec at nominal input and full load

Output Characteristics

Output Voltage Adjustment:	+/-10% main output only
Line Regulation:	+/-5% typical
Load Regulation	+/-3% on main output, +/-5% on Auxiliary from 10% to 100% load
Ripple and Noise:	1% pk-pk oof Vout
Transient Response (50% Load Change):	2% maximum deviation, Returns to initial condition within 1.0 mSec maximum.
Overload Protection:	Power limiting with Auto Recovery at 110% to 135% of peak load.
Short Circuit Protection:	Will withstand a continuous short without damage. Will automatically return to regulation upon removal of the short
Over Voltage Protection:	Main output only

Environmental Characteristics

Operating Temperature Range:	0°C to +50°C continuous duty, full rating. Derate linearly to 50% of full rating at +71°C
Storage Temperature Range:	-20°C to +85°C
Temperature Coefficient	<0.02%/degree C
Humidity:	Up to 95% non-condensing
Reliability (MTBF per Mil-HDBK-217):	> 140,000 hours
Cooling:	8 cfm fan cooling required

General Characteristics

Switching Frequency:	80 kHz
Isolation (Input to Output):	3750 VAC, min.
Weight:	<2.1 Lbs.
Agency Approvals	UL, CUL, DEMKO and CE mark

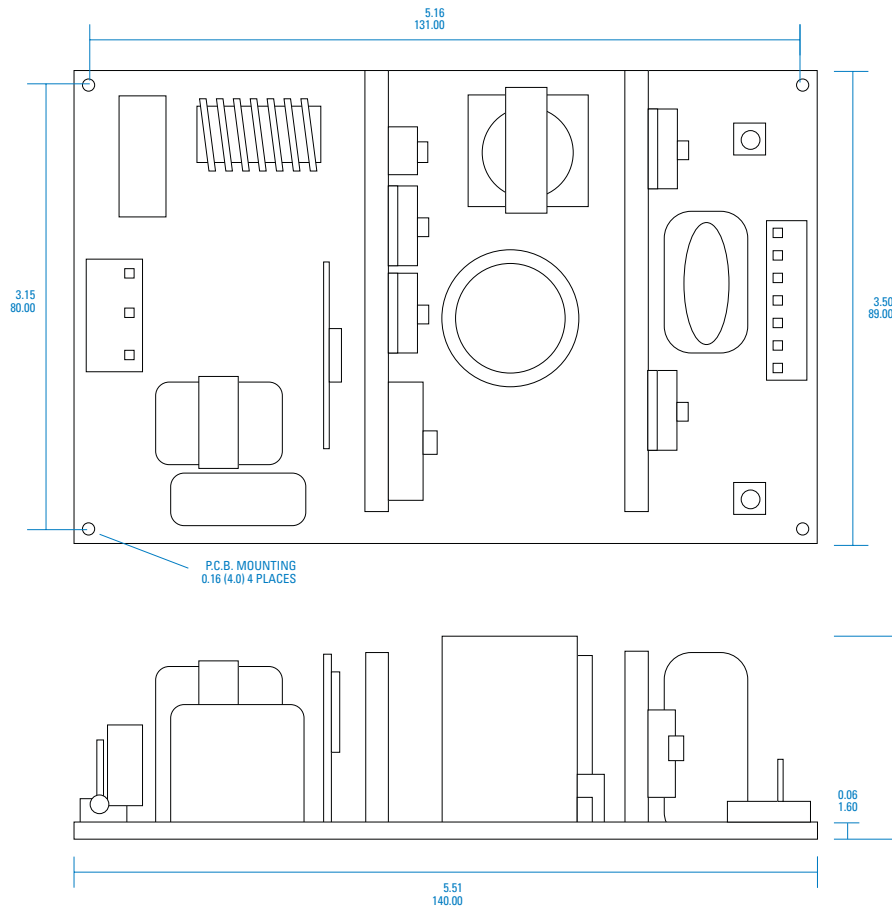




Available Models

Model	Output Channel	Output Voltage (VDC)	Output Current (A)
PF-85-21	V1	+5	10
	V2	+12	5 with 9 peak

Outline Drawings



All specifications are typical at 25 degrees C with nominal input voltage and full output unless otherwise noted. Specifications are subject to change without notice. All dimensions are typical.