

PF-105-4E

Total Power	105 Watts
Input Voltages	90-264 VAC
Outputs	Four

SPECIAL FEATURES

- 90-264 VAC input with under voltage lockout
- UL, CSA, TUV, BABT Recognized
- Individual shutdown on all outputs
- 26dB margin on FCC Class B
- 2.0kV surge compliant

ENVIRONMENTAL

Ambient Operating Temperature: 15°C to +40°C, full rating.

Humidity: Up to 80% non-condensing

Storage Temperature: 4°C to 50°C

Temperature coefficient: $\pm 0.01\%$ / °C

Cooling: One 8 CFM fan.



ELECTRICAL SPECIFICATIONS

Input

Input.....90 -264 VAC; 47-63Hz;
Power Factor >0.99

Inrush Current (240 Vac).....25 Amps peak
Isolation.....4242VDC (Input to Output)

Susceptibility specifications:

EN 61000-3-2 AC Input line harmonic limits
Complies with EN55022 & FCC Class B with minimum 6 dB margin

Efficiency.....> 65% typical at full load

Output

DC Output.....Maximum continuous output power
150 Watts with internal cooling. See Voltage/Current Rating Chart.

Load Regulation.....2% (total)

Ripple and Noise < 50mV for +3.3V, +5V & -5V outputs
<500mV for +24V output

Transient Response...3% Maximum deviation;

MECHANICAL

9.0" L X 1.8" H X 4.4" W (229.6 mm X 45.7 mm X 111.7 mm)

Status signals and indicators

Power OK

Power For The New Technology

Output

Over and under voltage protection – (Latching)

Over current protection (Non-Latching)

Over temperature protection.

Short Circuit Protection.....Will withstand a continuous short without damage.

Minimum Load Rqmt.....0% of full load main output.

No Load Operation.....No damage to supply when operating at no load.

Hold-Up Time.....60 mSec typical

OVP.....120% of nominal voltage

Voltage/Current Rating Chart

Voltage	24V	3.4V
Current	1.4A	6.1A
Voltage	5.2V	-5.2V
Current	8.8A	1.2A