

150W, 5 OUTPUT POWER SUPPLY OPF84 SERIES - ENCLOSED CASE

- Five fully regulated and adjustable outputs
- Compact size -11.40" x 5.20" x 2.525"
- Up to 150W of output power with convection
- Full electronic protection
- Telecom quality
- Field-proven design topology



The OPF84 Series of AC/DC converters uses an advanced high frequency conversion technology to generate up to 150W of output power. All five outputs are highly regulated and individually current limited with separate switching regulators. Virtually any DC output combination is possible with short delivery times. The design features low component count and high efficiency. The use of high quality components and rigorous quality control results in an MTBF exceeding 100,000 hours at 45°C.

SPECIFICATIONS

Input Voltage

115/230VAC +/- 15%
47 - 63Hz
Auto-ranging available

Input Protection

Thermal Fuse
Inrush current limiting

Input Isolation

2250VDC input to chassis
4300VDC input to output,
8mm spacing
500VDC output to chassis

Full compliance to IEC950, CSA
22-2-950 and UL 1950
Please contact factory for approval
status for the requested
input/output configuration

EMI

Meets EN 55022 Class A

Output Voltages

Up to 24V for all outputs and up
to 15A on the main output, up to
3A for second, third and fourth
outputs and up to 1A for the fifth
output. Consult factory for other
voltage combinations

Line/Load & Cross Regulation

+/-1% combined

Output Over-voltage Protection

Double regulator loop - main
Transzorb on other outputs

Overload Protection

Current limiting with short circuit
protection on all outputs
Self-resetting thermostat for
thermal protection

Efficiency

Typical 78% at full load

Output Ripple/Noise

Better than 1% of output voltage
peak to peak or 0.2% RMS of the
output voltage (20HZ BW)

Hold Up Time

Minimum 10ms at full load for 5%
drop of output voltage

Operating Temperature

0 to +50°C with convection.
Extended temperature range
available

Temperature Drift

0.03% per °C over operating
temperature range

Dimensions

'F3' Package:
11.4" x 5.2" x 2.525"

Connections:

Screw type terminal block
For other connectors please
consult factory

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

**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 BABT-approved Facility

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