

# 180W, DUAL OUTPUT POWER SUPPLY

## EOL95 SERIES - ENCLOSED CASE

- Compact size - 10.0" x 4.43" x 2.25"
- Ideal for +/- output applications
- 180W output with conduction cooling
- Full electronic protection
- Telecom. quality
- Field-proven design topology
- Also available as plug-in module
- N+1 redundancy available



The EOL95 Series of AC/DC converters uses high frequency dual FET forward topology to generate 180W of output power. Virtually any DC output is possible with short delivery times. This low profile 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  
C22.2 No.950 and UL 1950  
Please contact factory for approval  
status for the requested  
input/output configuration

**EMI**

Meets EN 55022 Class A

**Output Voltages/Currents**

+/-24V/3.75A, +/-48V/1.8A,  
standard  
Consult factory for other voltages

**Line/Load Regulation**

+/-3% combined

**Output Over-voltage Protection**

Double regulator loop

**Overload Protection**

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

**Efficiency**

Min 80% 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, unit must be mounted  
on a heat sinking surface  
Extended temperature range  
available

**Temperature Drift**

0.03% per °C over operating  
temperature range

**Dimensions**

F 2 Package:  
10" x 4.43" x 2.25"

**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.

*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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