

# 150W, UNIVERSAL OUTPUT PLUG-IN POWER SUPPLY EOL67 SERIES

- Compact size - 3U x 8HP x 220mm Eurocard
- 3 individually regulated and adjustable outputs
- Individual current limiting for each output
- Up to 150W output power
- Full electronic protection
- Telecom quality
- Field-proven design topology
- Also available in stand-alone package
- N+1 redundancy available



The EOL 67 Series of AC/DC converters uses high frequency forward topology to generate up to 150W output power per plug-in module. 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. The EOL67 modules can be parallel-connected for greater output power and/or to achieve N+1 redundancy.

## SPECIFICATIONS

### Input Voltage

115/230VAC +/- 15%  
jumper selectable

### 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 UL1950. Please  
consult factory for approval status  
for the requested  
input/output configuration

### Output Voltages/Currents

5..5.2V/12A; +12..15V/3A &  
12..15V/3A standard. 120W with  
forced air cooling.  
Consult factory for other voltages

### Line/Load & Cross Regulation

+/-1% combined for all outputs

### Output Over-voltage Protection

Double regulator loop on main  
output, clamps on auxiliary  
outputs

### Overload Protection

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

### Efficiency

Min 80% at full load

### RFI Suppression

Meets FCC 20780 Class A  
and EN 55022 Class A  
conducted emissions; Class B  
as option.

### 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  
Extended temperature range  
available

### Temperature Drift

0.03% per °C over operating  
temperature range

### MTBF

100,000 at 45°C

### Dimensions

Module: 3U x 220mm x 10HP  
(8HP as option)  
Stand-alone: 4.42" x 10.0" x 2.25"

### Connections

Plug-in module: H15 Connector  
Shelf: 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 common approval requirements. Specifications are 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 BABT-approved Facility**

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