

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 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

Designed to meet 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

EMI

Meets EN 55022 Class A
Class B as an 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: 4.43" 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 BAPT-approved Facility**

ABSOPULSE ELECTRONICS LTD

110 Walgreen Road
Carp, Ontario K0A 1L0 CANADA

Tel: (613) 836-3511 Fax: (613) 836-7488 E-mail: absopulse@absopulse.com
Visit us at www.absopulse.com