

# 140W, TRIPLE-OUTPUT PLUG-IN POWER SUPPLY WITH PFC PFC67 SERIES

- Very small size - 3U x 8HP x 220mm Eurocard
- Electronic power factor correction (PFC)
- 3 individually regulated and adjustable outputs
- Individual current limiting for each output
- Up to 140W of output power
- Full electronic protection
- Telecom. quality
- Field-proven design topology
- Also available in standard-alone package
- N+1 redundancy available



The PFC67 Series of AC/DC converters uses an advanced high frequency conversion technology to meet the most demanding applications. All three outputs are individually regulated and protected. This low profile design features low component count and high efficiency. The use of professional quality components and rigorous quality control results in an MTBF exceeding 100,000 hours at 45°C.

## SPECIFICATIONS

### Input Voltage

95VAC to 264VAC  
Universal

### Power Factor

>0.97 at full load for the entire input range

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

### Efficiency

Min 76% at full load,  
220VAC input

### Output Voltages

5...5.2V/12A; +12..15V/3A &  
-12..15V/3A standard  
max. 100W with convection,  
140W with 30cfm 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

### MTBF

100,000 hr at 45 °C

### Overload Protection

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

### RFI Suppression

Meets requirements for EN55022 Class B conducted emissions

### 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, convection cooling.  
Extended temperature range available.

### Temperature Drift

0.03% per °C over operating temperature range

### Dimensions

Plug-in: 3Ux 220mm x 8HP (1.6")  
Stand-alone: 4.42" x 10.0" x 2.25"

### Connections:

Plug-in module: H15 Connector  
Stand-alone: screw-type terminal block

### 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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