

# AC/DC MULTIPLE OUTPUT, CONFIGURABLE POWER SUPPLY 2U X 19" X 16" SHELF MOC 2000 SERIES

- Easy customizing, short delivery
- Single or multiple output
- Up to 2kW output power
- Full electronic protection
- Telecom quality
- Field-proven design
- N+1 redundancy available



The MOC 2000 Series was designed to accommodate a variety of power supply modules in a 2U x 19" x 16" chassis. It can be configured for as many as 10 outputs and forced air cooling enables output power levels up to 2kW depending on the number of modules. Each output can be separately regulated and adjusted and is also individually floating. Output noise is filtered to a very low level. The AC input has a multi-stage filter providing for EMI performance of 20dB better than EN 55022 Curve B. The output voltages are monitored on the front panel with meters. This feature makes the design particularly suitable for use in test systems. The MOC 2000 can be customized to any specifications within a few weeks at very low NRE costs. Custom branding is possible at no additional cost.

## SPECIFICATIONS

### Input Voltage

115 or 230 VAC or universal 85...264VAC or any DC input

### Input Protection

Thermal Fuse  
Inrush current limiting

### Input Isolation

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

### Output Voltages

Any DC output single or multiple

### Line/Load Regulation

$\pm$ 1% combined

### Output Overvoltage Protection

Double regulator loop

### Overload Protection

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

### Efficiency

75 - 90% depending on Input/Output combination

### EMI

Meets EN 55022 Class B emissions as a minimum

### Output Ripple/Noise

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

### Operating Temperature

0 to +50°C. Extended temperature range available

### Temperature Drift

0.03% per °C over operating temperature range

### Package Size

2Ux19" rack-mount frame  
16" deep

### Connections:

Screw type terminal blocks.  
Other connectors according to customer requirements.

### Warranty

Twelve months subject to application within good engineering practice

Enhancements to these general specifications can be accommodated upon request  
Designed to meet common 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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