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