



Power Supply 48 Volts DC, 60 Watts, Extended Temperature Range

PS-4860B

SPECIFICATIONS:

Input:

Input Voltage Range..... 90-264 VAC
Input Current 1.4@115VAC, 1.0@ 230VAC
Input Frequency 47-63 Hz
Connections IEC 320-C14 Inlet

Output:

Output Voltage 48 VDC +/- 2.5%
Output Current..... 1.25 Amax
Output Power (to 40°C) 0 to 60 Watts
Output Power (to 60°C) 0 to 30 Watts
Ripple & Noise..... 240 mVpp
Over Voltage Protection
Overload Protection
Connections Screw Down Terminal Block

Environmental:

Operating Temperature -30°C to 60°C
-Derate from 40 °C 1.5 W / °C to 60°C
Operating Humidity 20-95% (non-condensing)
Storage Temperature -40°C to 85°C
Vibration 2 g, 10 Hz to 500 Hz, 10min/cycle, X, Y & Z axis
MTBF >700,000 hrs
Dimensions 5.0"x2.0"x1.25"

EMC & Safety:

- Emissions
• EN55022 ClassB
- Immunity
• EN61000-4-2, 3, 4, 5, 6, 8, 11,
- Safety Approvals
• EN60950-1, UL508

Ordering information:

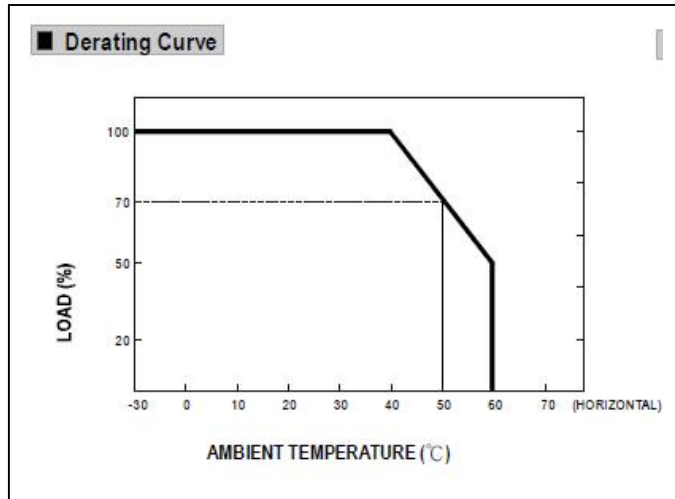
PS-4860B-US w/ IEC C13 to NEMA 5-15 Line cord



The American Fibertek PS-4860B is a fully enclosed 48VDC, 60W "brick" power supply capable of operating over the extended temperature range of -30°C to +60°C (see derating below).

The PS-4860B 48VDC power supply has an IEC320 C14 grounded 3 wire input, universal AC input range: 90~264VAC. The output connection is a 2 pin screw down terminal block.

This power supply complies with Energy and Security Act of 2007 (EISA) Energy Efficiency Level IV standards.



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