



**PS-4860B**

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

### 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.....711 khrs  
 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 (line cord included)



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).

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.

