

### WSU090-2500

#### Electrical Specifications (@25C)

1. Input Voltage rating: 100-240VAC, 50-60Hz
2. Input Voltage range: 90-264VAC
3. Input current: 0.383Arms typ @ 115VAC
4. Max Inrush Current: 45A typ @ 115VAC (Cold start)
5. Output Voltage: 9VDC
6. Output Current: 2.5A
7. Regulation (line & load):  $\pm 5.7\%$
8. Ripple: 55mVpk-pk typ., 150mVpk-pk Max
9. No load power (stand by): 0.114W typ., 0.50W Max
10. Average Efficiency: 84.0% typ. Meets minimum level V efficiency.

#### Environmental Specifications

1. Operating Temperature Range: 0°C to +40° C @ full load
2. Storage Temperature Range: -20°C to 60°C
3. Humidity: 5% to 95%, Non-condensing

#### Reliability Specifications

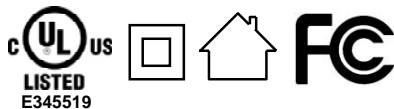
1. Leakage Current: <0.25mA (264VAC)
2. Dielectric Strength (Hi-pot): 4242VDC/3secs., 5mA Max
3. Warranty: 5 years

#### Mechanical Parameters

Case Type: Thermoplastic molded enclosure.  
Output Cord: 22 AWG, 6 Ft. Long Min.

#### Safety & EMI

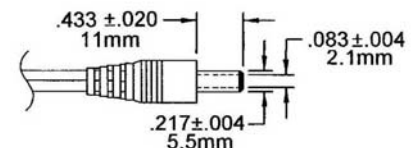
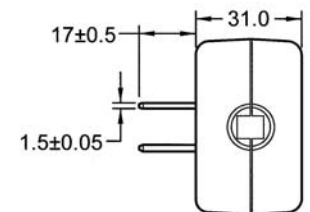
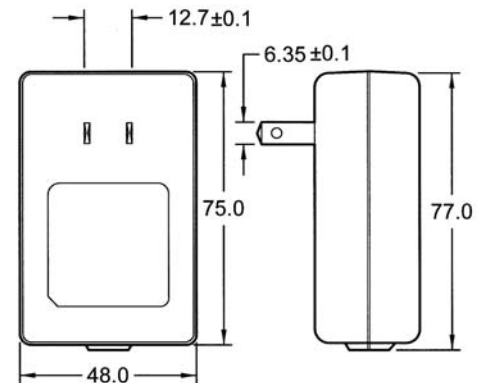
UL/CUL: File E345519, UL 60950 Class II, Double Insulated  
EMI standard: FCC part 15 class B  
Over voltage and short circuit protected



**EISA 2007/CEC Compliance:** This power supply meets the minimum efficiency requirements per Department of Energy and California Energy Commission.

**RoHS Compliance:** As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

\*Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.



Dim.: mm