



Part No: EPA090100-S/T-SZ

Date: 5/11/2007

Unit: mm

Description: linear power supply

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### Specifications

|   |  |                              |
|---|--|------------------------------|
| Output voltage                                  | 9 V ac at 1000 mA                            |                              |
| Rated input voltage                             | 120 V ac                                     |                              |
| Primary rated voltage                           | 120 V ac 60 Hz 9 W                           |                              |
| Primary exciting current                        | 30 mA rms max.                               |                              |
| Secondary rated voltage & current               | no load voltage (max.)                       | 11.8 V ref                   |
|   | full load voltage (1000 mA)                  | 9 V $\pm$ 5%                 |
| Temperature rise of primary winding (full load) | 70°C max. using resistance method            |                              |
| Insulation resistance                           | $\geq$ 100 M Ohm at 500 V dc                 |                              |
| HI-POT test                                     | from input to output for 1 min.              | 1240 V ac at 2 mA            |
|   | from input to output for 1 sec.              | 1600 V ac at 2 mA            |
|   | from primary to secondary winding for 1 sec. | 1600 V ac at 2 mA            |
|   | from primary winding to core for 1 sec.      | 1600 V ac at 2 mA            |
|   | from secondary winding to core for 1 sec.    | 750 V ac at 2 mA             |
| Safety standards                                | UL/cUL                                       |                              |
| RoHS compliant                                  | yes  |                              |
| No load power consumption                       | 0.5 W max.                                   |                              |
| Efficiency                                      | Energy Star Compliant - Efficiency Level IV  |                              |
| Test conditions                                 | Ambient temp                                 | 40°C $\pm$ 2°C               |
|   | Humidity                                     | 90-95% 96 hours at Full Load |
|   | Rated voltage                                | 8 hours at full load         |
| Adapter color                                   | Case   | black                        |
|   | Cord   | black                        |



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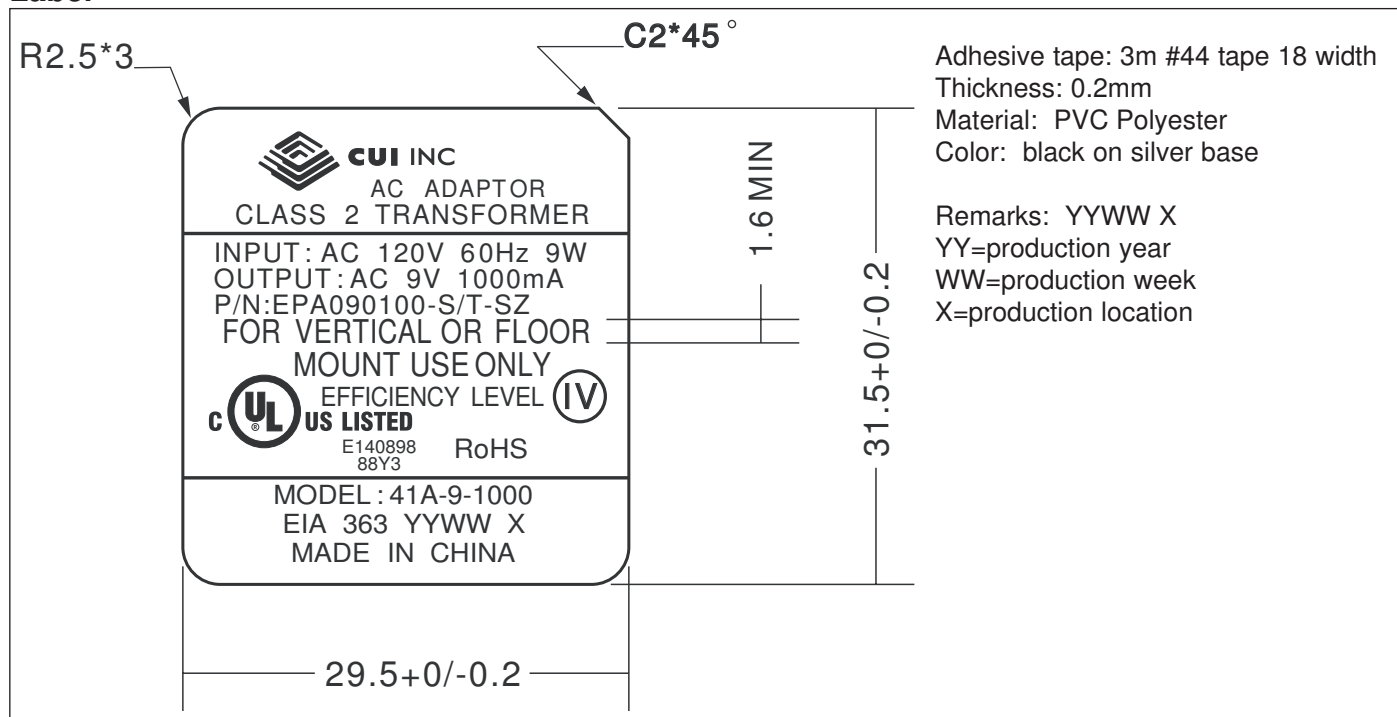
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Label





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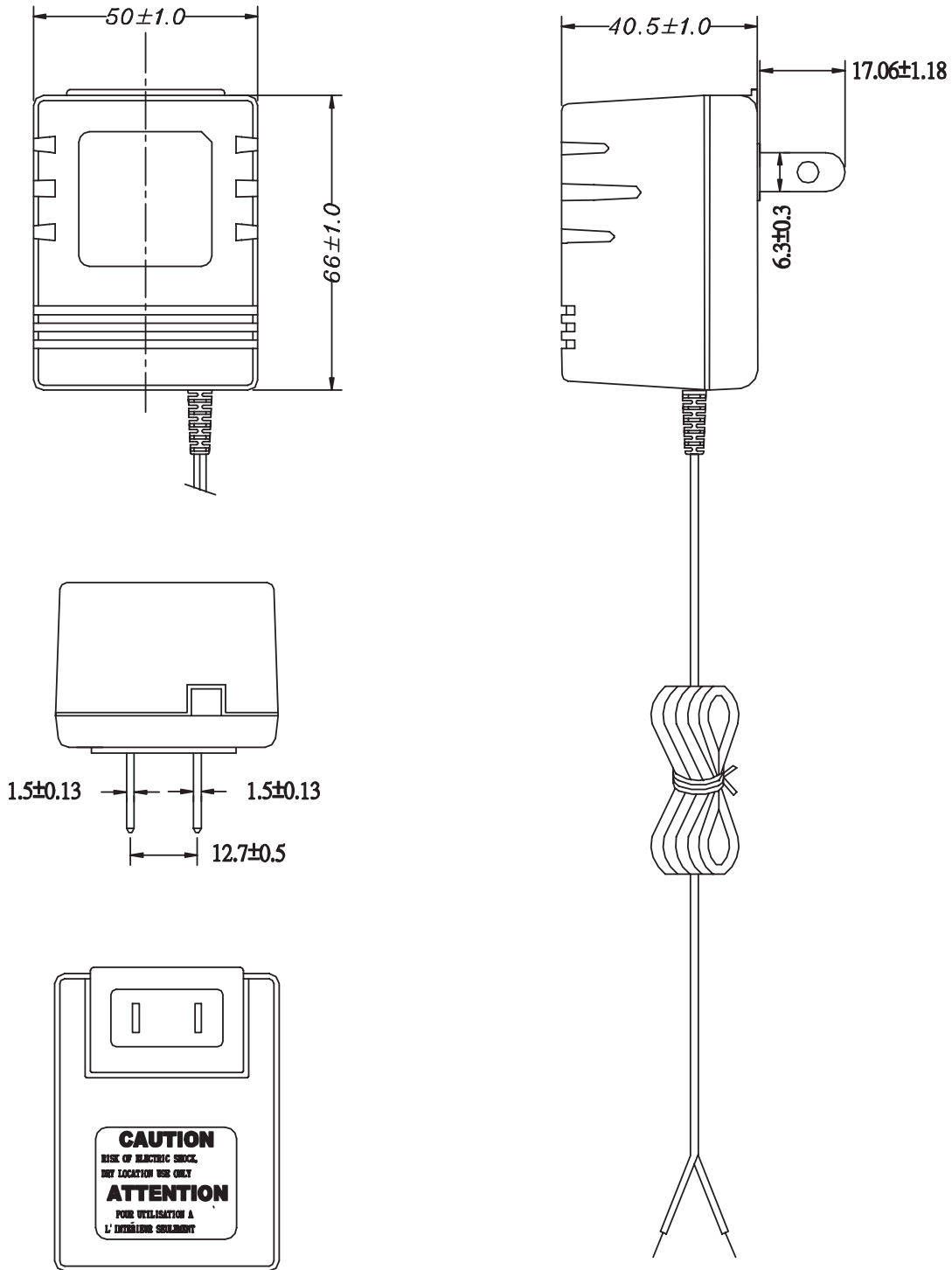
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### Mechanical Drawing

Tolerance:  $\pm 1$

Weight

330 g





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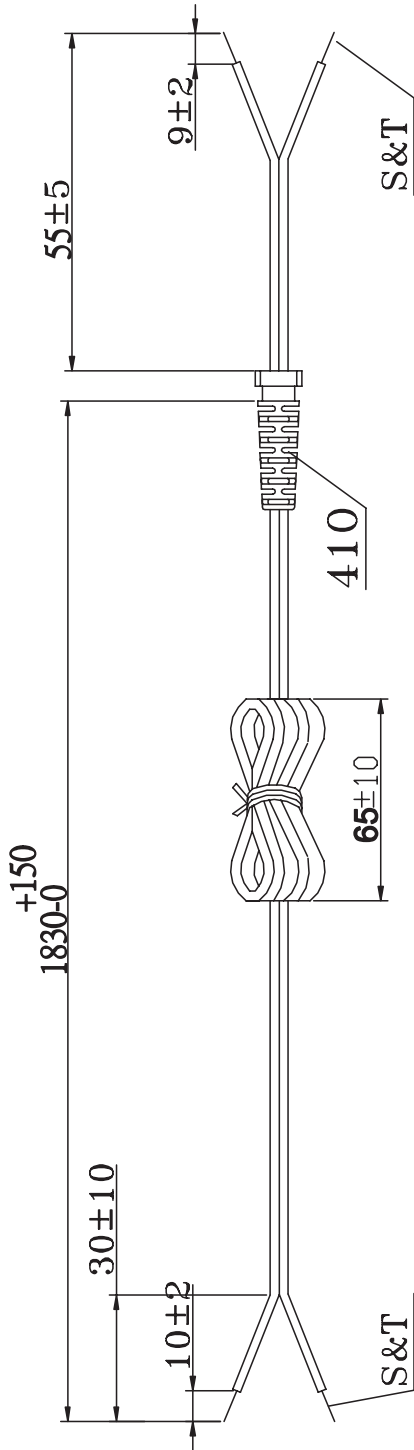
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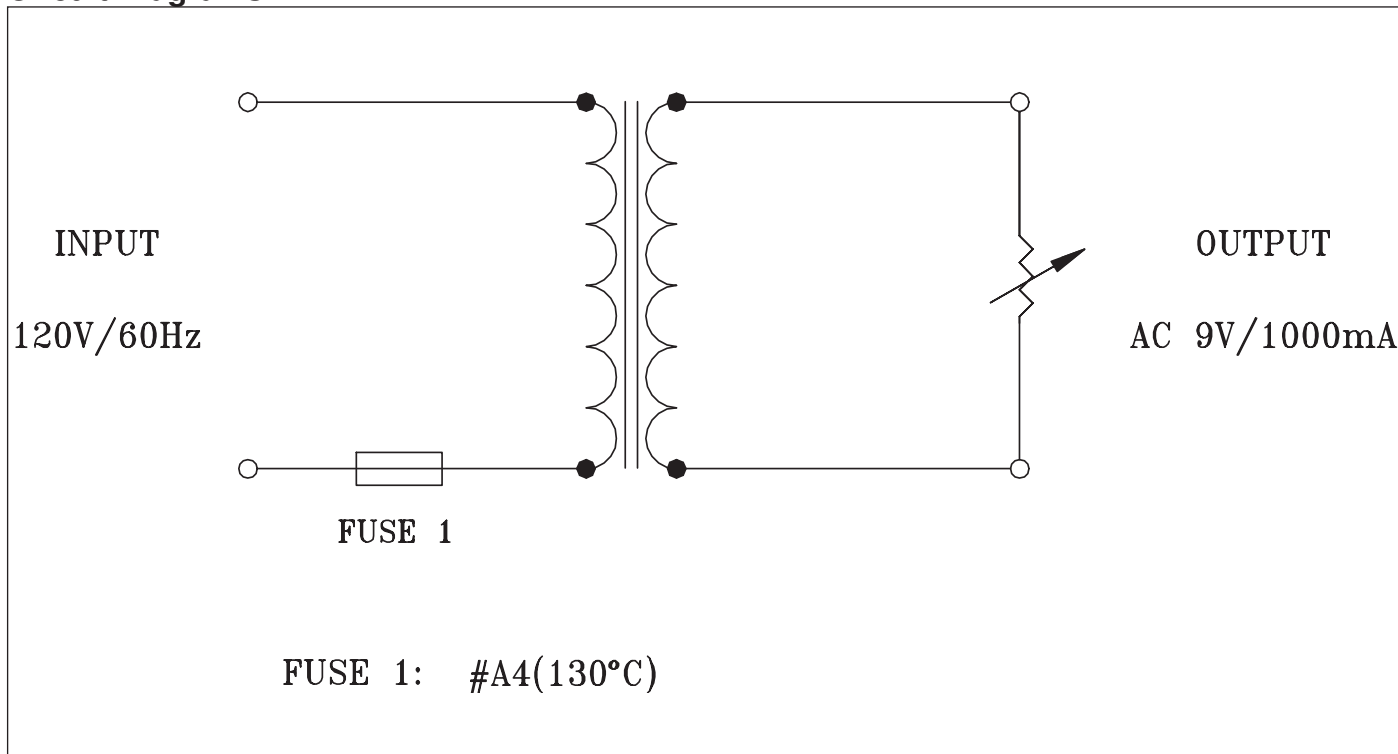
DC Cord



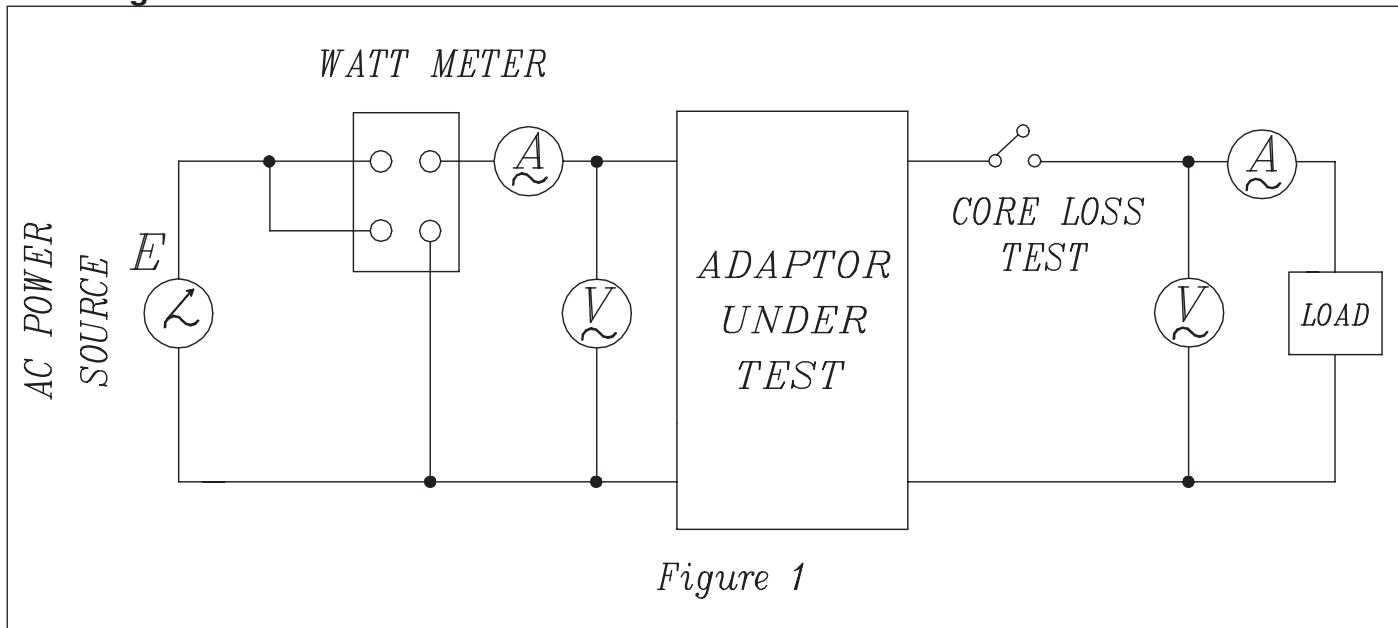
#22AWG X2C BLACK/WHITE WIRE BLACK WIRE IN NEGATIVE, BLACK/WHITE WIRE IN POSITIVE  
WIRE OD:  $\emptyset 1.8 \times 3.6$

| Parameter request |                        |
|-------------------|------------------------|
| VIBRATION TEST    | a. $\pm 60^\circ$      |
|                   | b. WEIGHT 200g         |
|                   | c. 40 ROUND/MINUTE     |
|                   | d. OVER 1000 COUNT MIN |

### Circuit Diagrams



### Test Diagram





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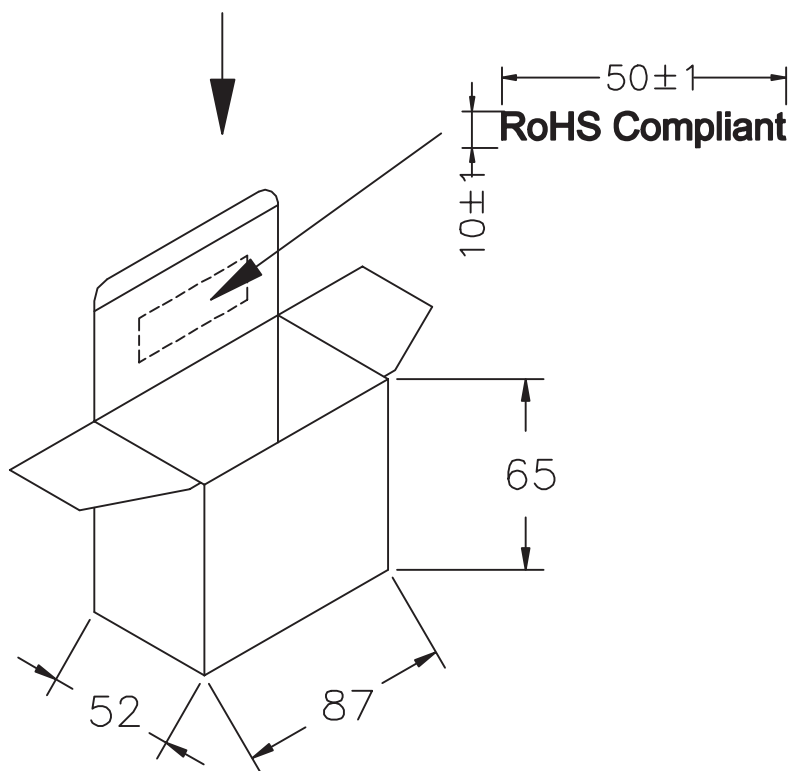
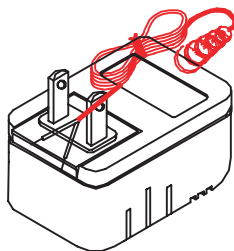
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### Individual Packaging

Tolerance:  $\pm 1$





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### Packaging

Tolerance: +7/-0

EXTERNAL CARTON MATERIAL:A=B(6mm)

CARTON SIZE: 352X286X140mm

Q'TY: 30pcs(15\*2)

