



Part No: EPA120050-S/T-SZ

Date: 5/11/2007

Unit: mm

Description: linear power supply

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## Specifications

Output voltage	12 V ac at 500 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.)	15.3 V ref
	full load voltage (500 mA)	12 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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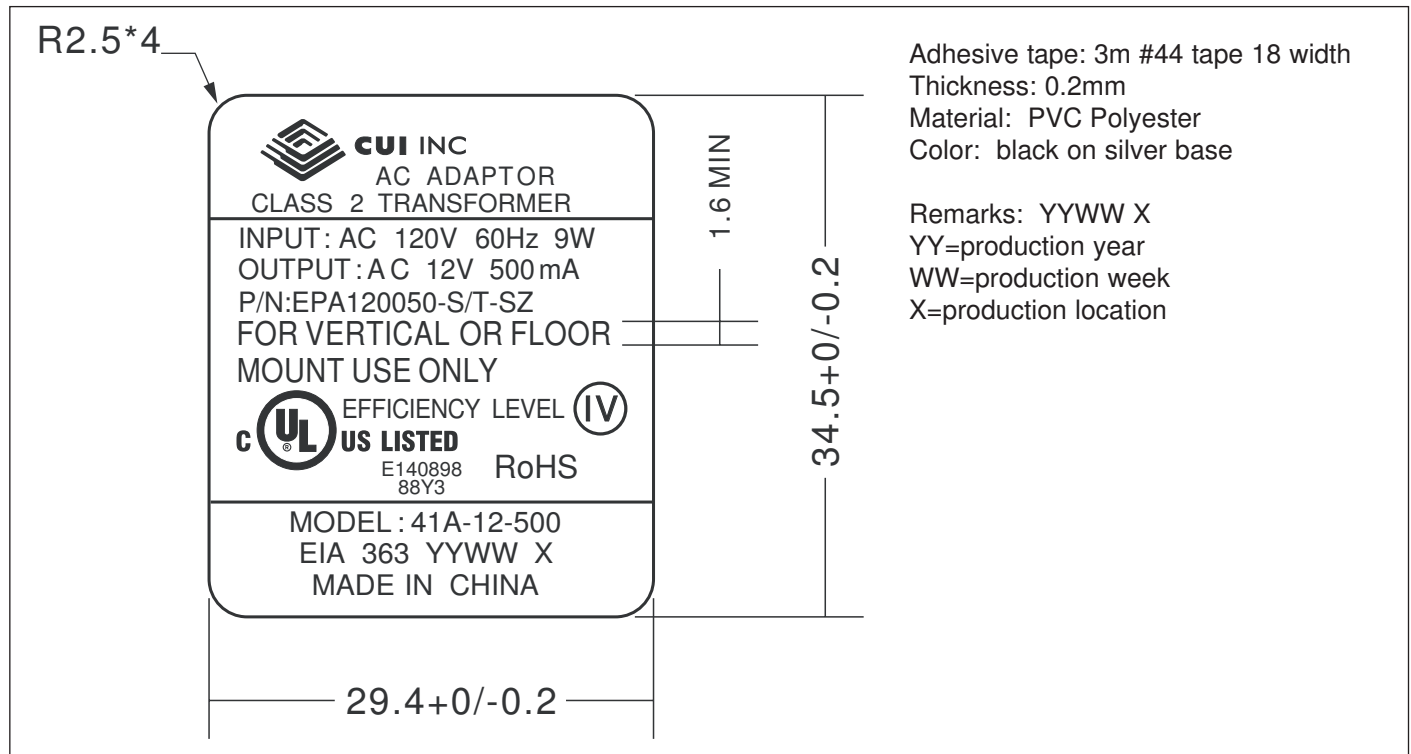
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**Label**





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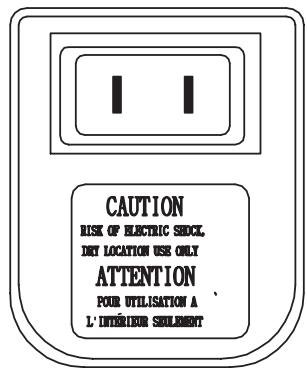
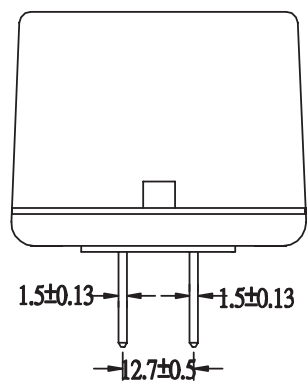
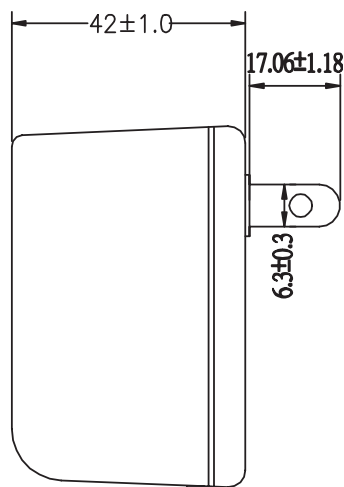
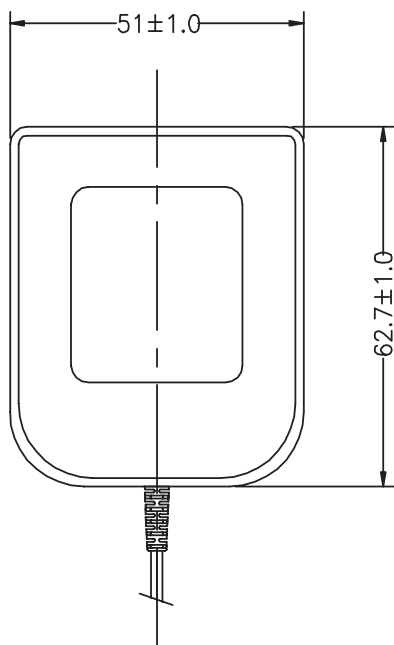
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### Mechanical Drawing

Tolerance:  $\pm 1$

Weight

259 g



**CAUTION**  
RISK OF ELECTRIC SHOCK.  
REY LOCATION USE ONLY  
**ATTENTION**  
POUR UTILISATION A  
L'INTERIEUR SEULEMENT





**CUI INC**

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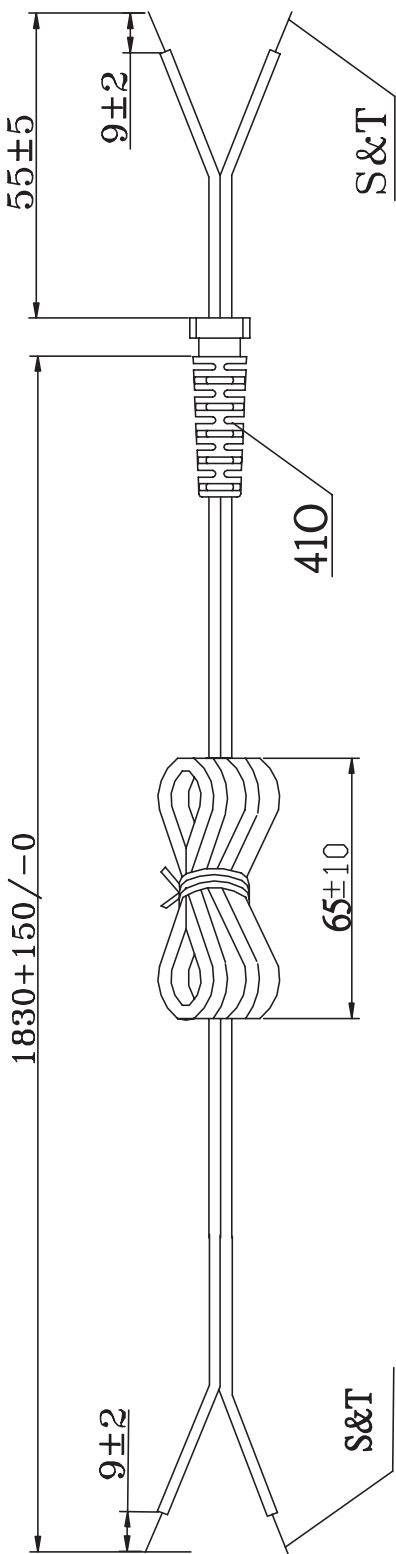
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**DC Cord**

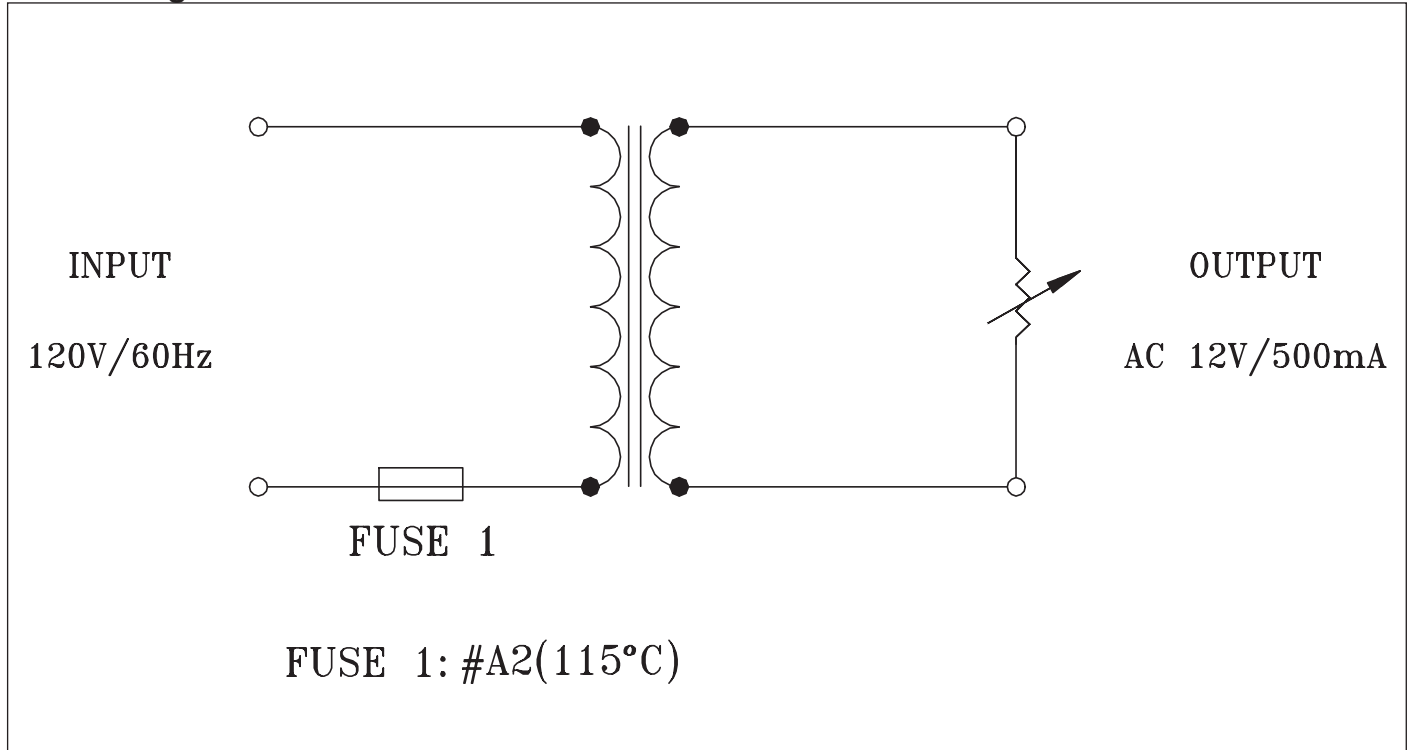


#22AWG X2C BLACK/WHITE WIRE BLACK WIRE IN NEGATIVE, BLACK/WHITE WIRE IN POSITIVE

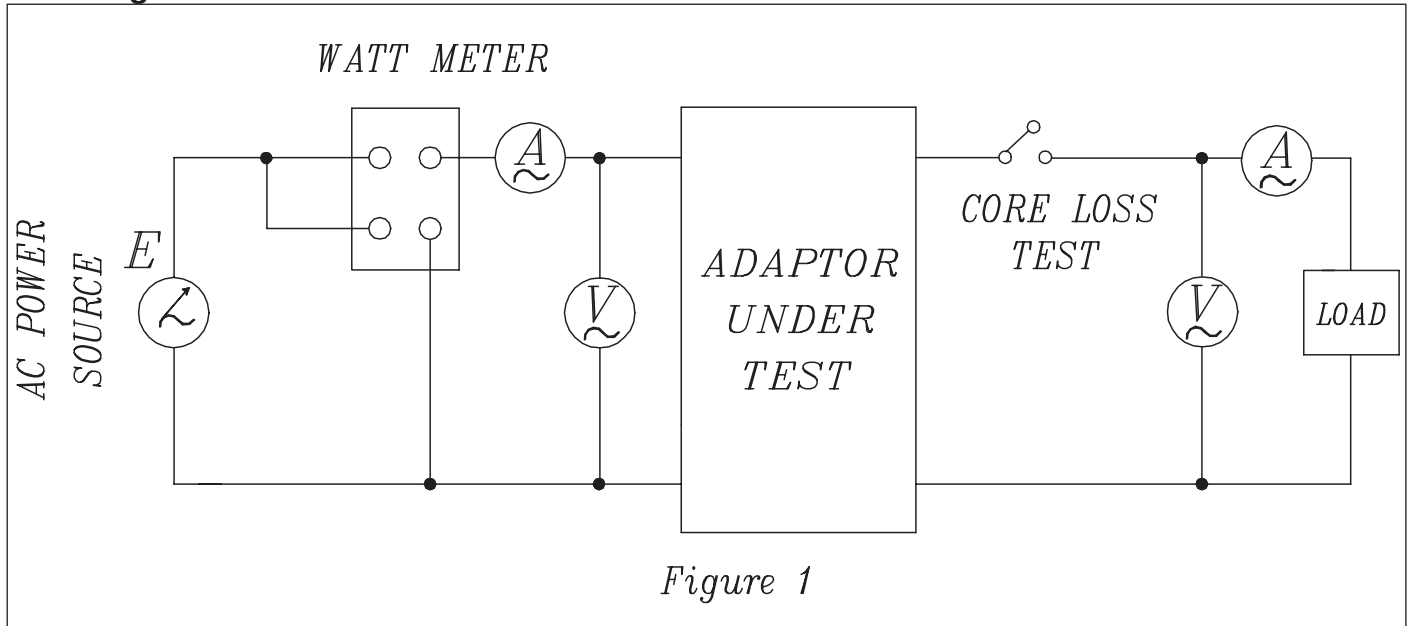
WIRE OD:  $\varnothing 1.8X3.6$

VIBRATION TEST	Parameter request
	<ul style="list-style-type: none"> <li>a. <math>\pm 60^\circ</math></li> <li>b. WEIGHT 200g</li> <li>c. 40 ROUND/MINUTE</li> <li>d. OVER 1000 COUNT MIN</li> </ul>

### Circuit Diagrams



### Test Diagram





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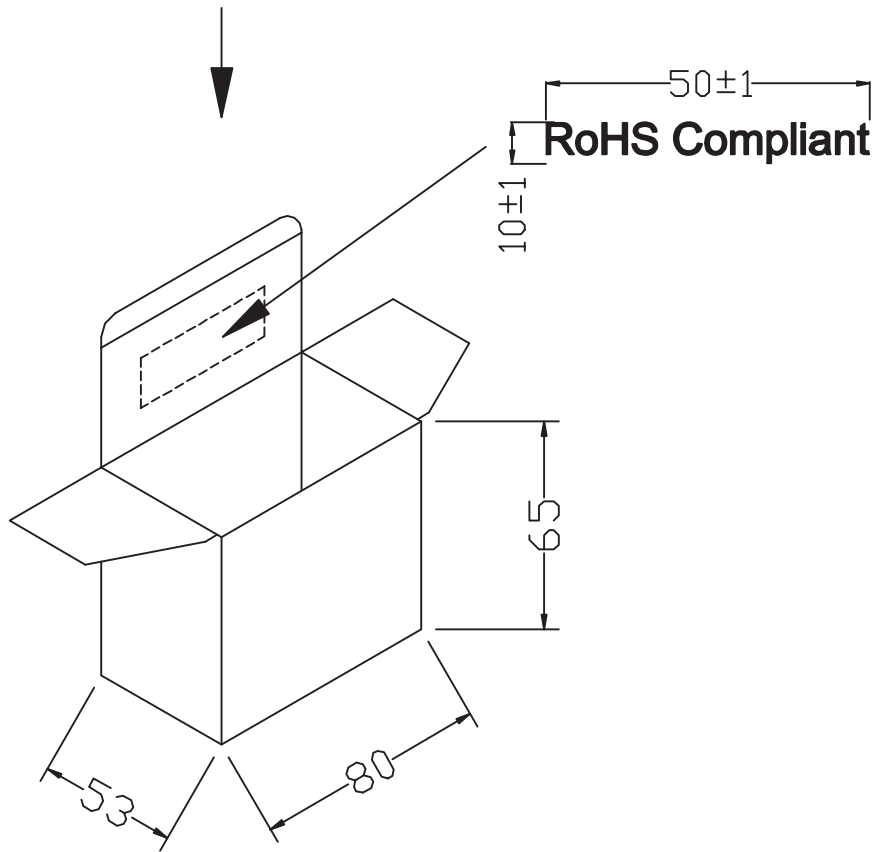
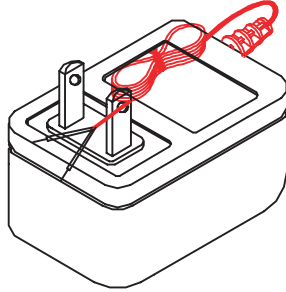
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### Individual Packaging

Tolerance:  $\pm 1$





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### Packaging

Tolerance: +7/-0

OUTSIDE CARTON:A=B(6mm)

INSIDE CARTON:A-B(3mm)

CARTON SIZE: 350X345X190mm

Q'TY: 60pcs(20x3x1)

N.W:15.6KGS

G.W:16.2KGS

G.W:16.8KGS

