



Part No: EPA240050-S/T-SZ

Date: 5/11/2007

Unit: mm

Description: linear power supply

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**Specifications**

Output voltage	24 V ac at 500 mA	
Rated input voltage	120 V ac	
Primary rated voltage	120 V ac 60 Hz 18 W	
Primary exciting current	30 mA rms max.	
Secondary rated voltage & current	no load voltage (max.)	30.3 V ref
	full load voltage (500 mA)	24 V ±5%
Temperature rise of primary winding (full load)	70°C max. using resistance method	
Insulation resistance	≥ 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 ±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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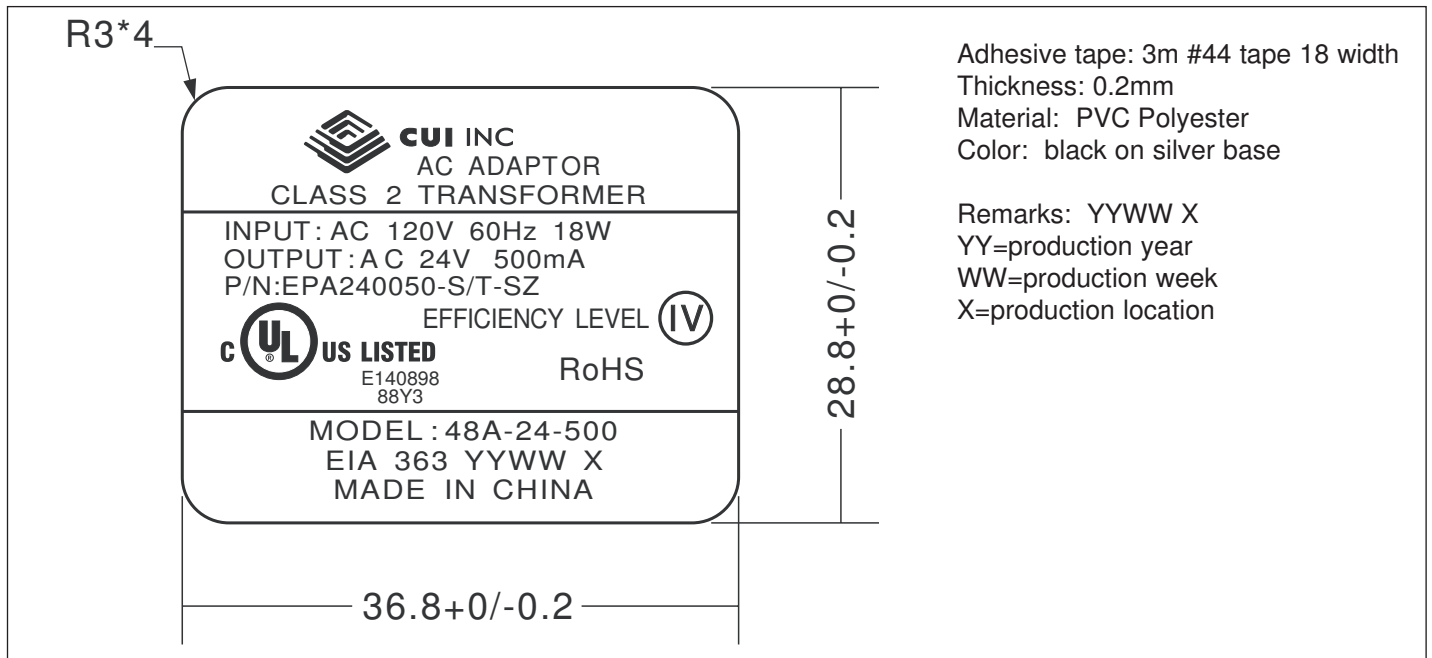
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Label





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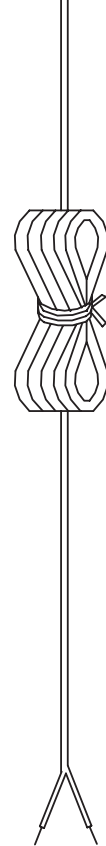
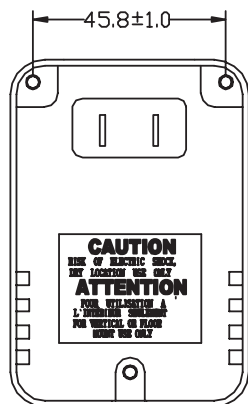
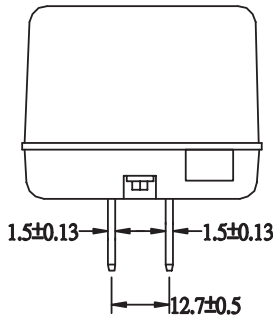
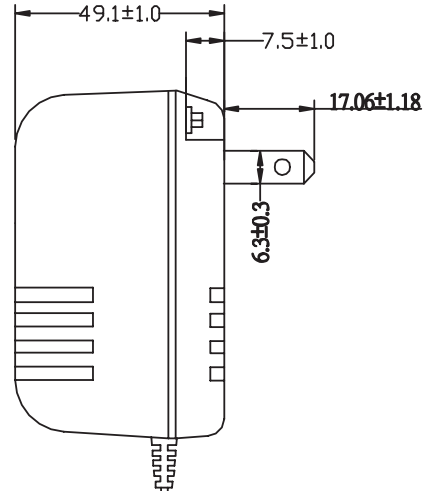
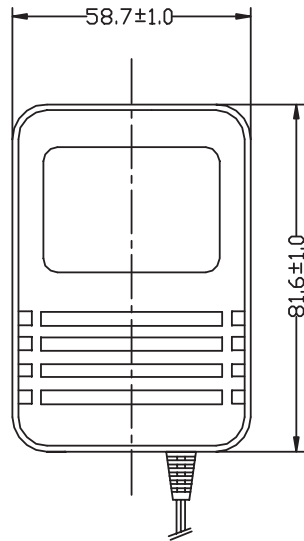
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### Mechanical Drawing

Tolerance:  $\pm 1$

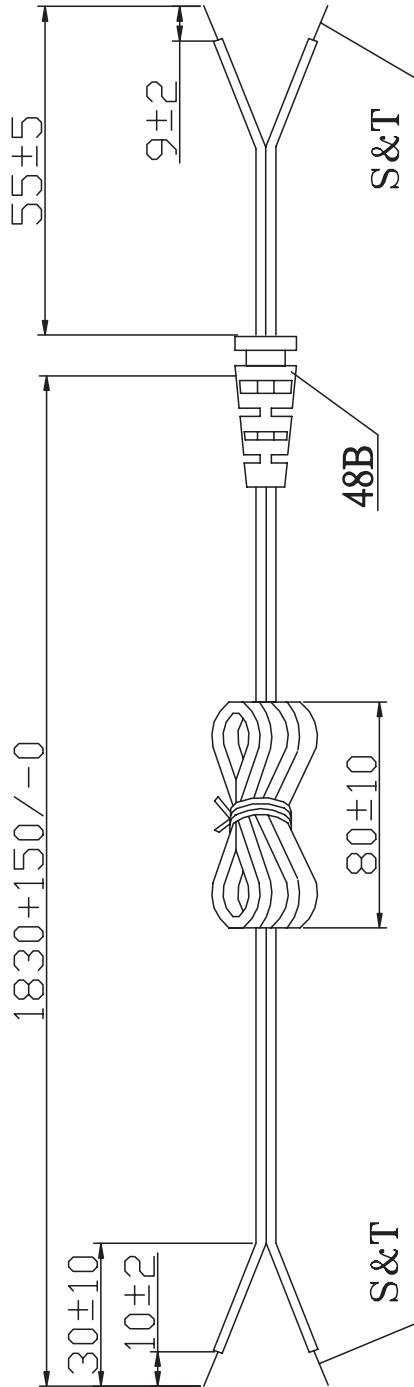
Weight

419 g





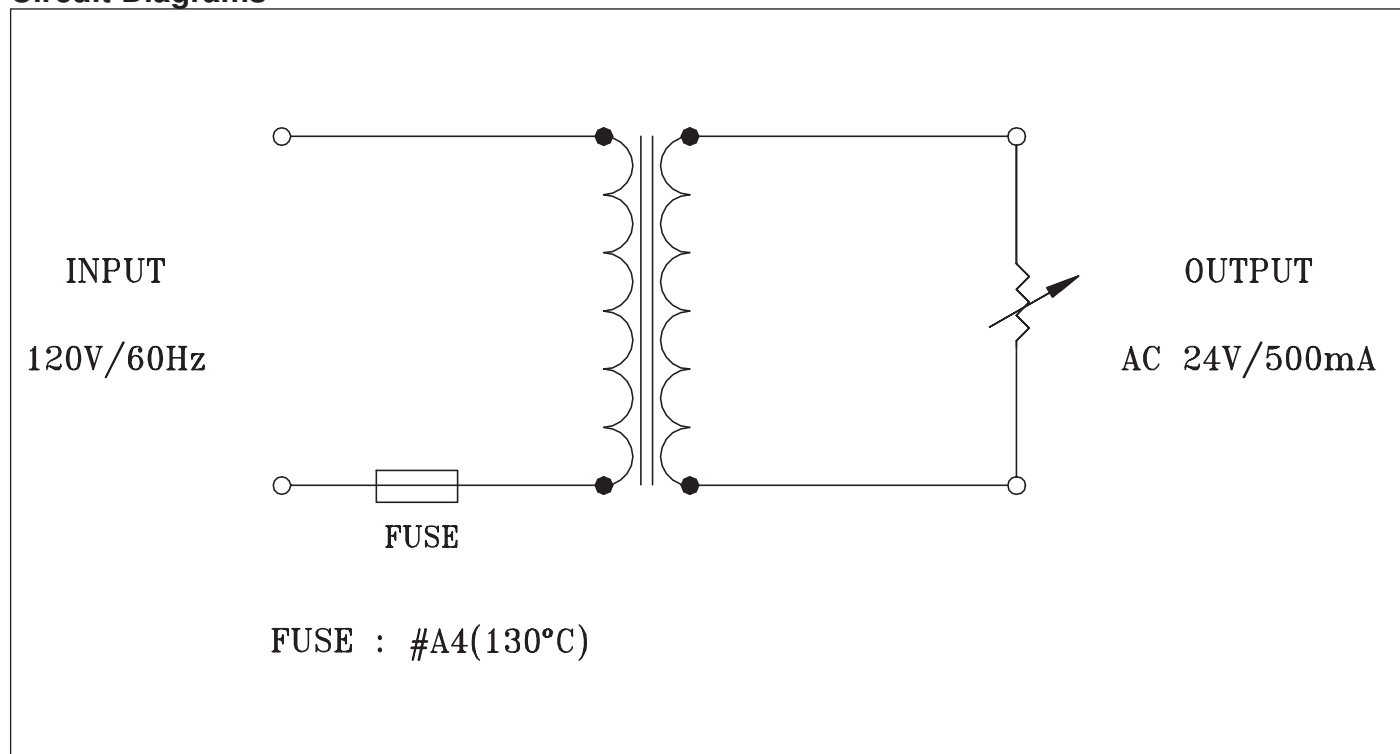
**DC Cord**



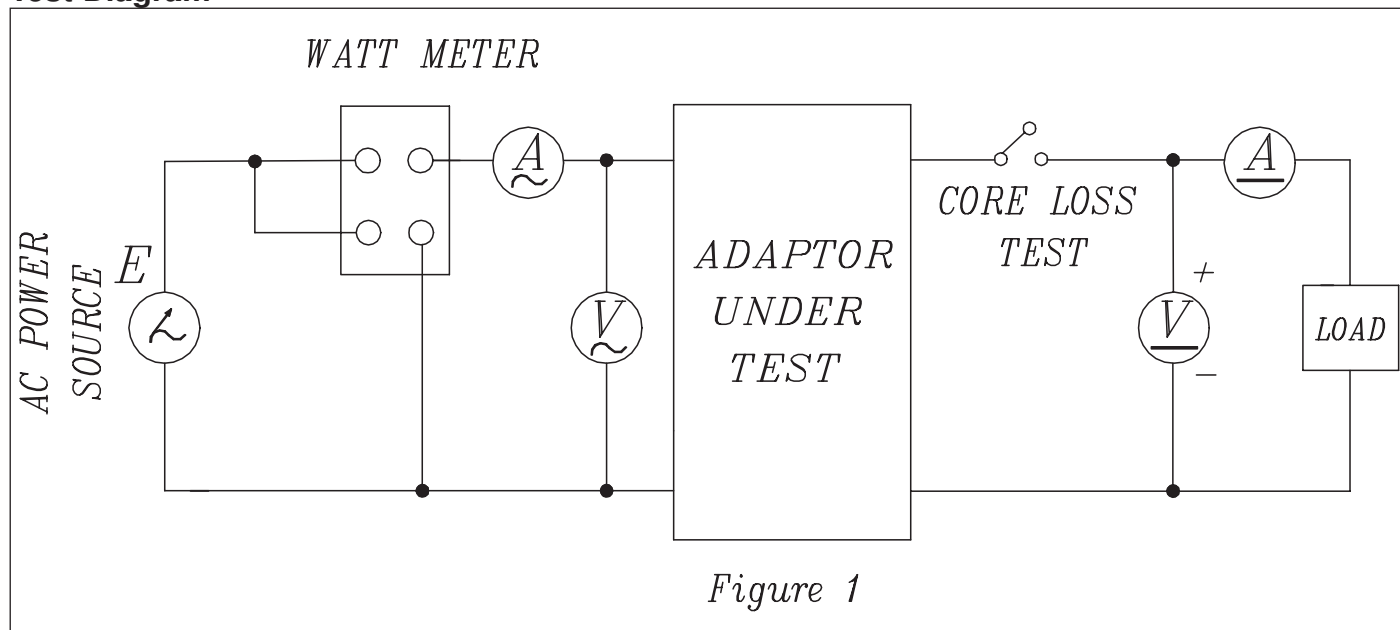
**#24AWGX2C BLACK/WHITE WIRE BLACK WIRE IN NEGATIVE, BLACK/WHITE WIRE IN POSITIVE  
WIRE OD:  $\varnothing 1.8 \times 3.6$**

VIBRATION TEST	a. .560"
	b. WEIGHT 200g
	c. 40 ROUND/MINUTE
	d. OVER 1000 COUNT MIN

### Circuit Diagrams



### Test Diagram





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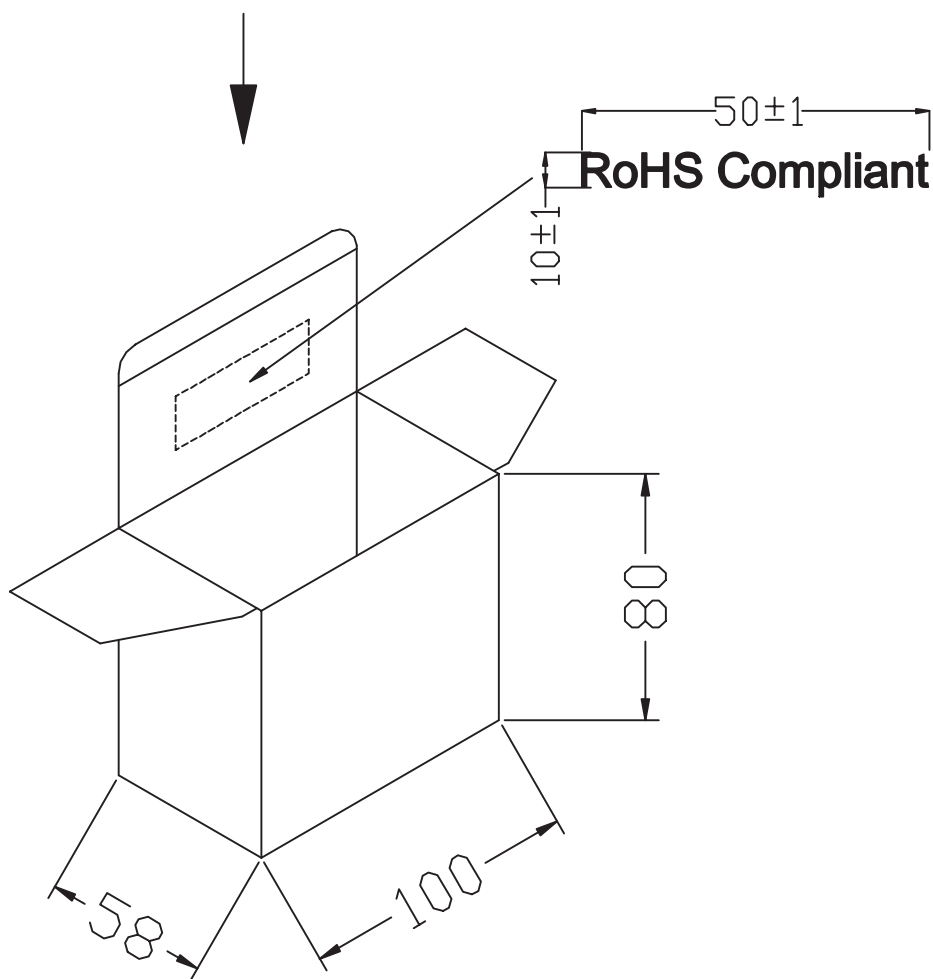
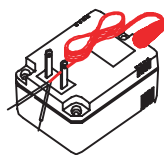
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### Individual Packaging

Tolerance:  $\pm 1$





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### Packaging

Tolerance: +7/-0

OUTSIDE CARTON:A=B(6mm)

INSIDE CARTON:A-B(3mm)

CARTON SIZE: 430x223x269mm

Q'TY: 40pcs(10X4X1)

N.W:16.8 KGS

G.W:17.8 KGS

N.W:18.8 KGS

