

**Input**

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| Rated input voltage | 100 V ~ 240 V ac                                    |
| Input voltage range | 90 V ~ 255 V ac                                     |
| Rated frequency     | 50~60 Hz                                            |
| Frequency range     | 47~63 Hz                                            |
| Rated input current | 800 mA RMS max.                                     |
| Inrush current      | 30 A max. at 115 / 50 A max. at 230 V ac cool start |
| Power dissipation   | <0.5 W (input: 100 / 240 V ac, output: No Load)     |

**Output**

|                          |                                          |
|--------------------------|------------------------------------------|
| Output voltage           | 24 V dc at 1 A                           |
| Output min. current      | 0 A                                      |
| Line regulation          | ± 1%                                     |
| Load regulation          | ± 5%                                     |
| Over voltage protection  | 25.6 ~ 28.3 V dc max. (output shut down) |
| Short circuit protection | output shut down and auto restart        |
| Ripple voltage           | 150 mV (p-p) (100~240 V ac at full load) |
| Efficiency               | Energy Star compliant - level IV         |

**Safety and EMI**

|                       |                            |                                            |
|-----------------------|----------------------------|--------------------------------------------|
| HI-POT                | input to output            | 1500 V ac or 2121 V dc at 10 mA for 1 min. |
| Insulation resistance | input to output            | > 100 M Ohm at 500 V dc                    |
| Safety approvals      | UL/cUL, CE, TUV/GS         |                                            |
| EMI standard          | meets FCC class B, VCCI-II |                                            |
| RoHS compliant        | yes                        |                                            |
| Leakage current       | 0.25 mA                    |                                            |

**Environmental**

|                       |                |
|-----------------------|----------------|
| Storage temperature   | -10°C ~ +70° C |
| Operating temperature | 0°C ~ +40° C   |
| Storage humidity      | 10~90%         |
| Operating humidity    | 20~80%         |



**CUI INC**

Part No: ETS240100UTC-P5P-SZ

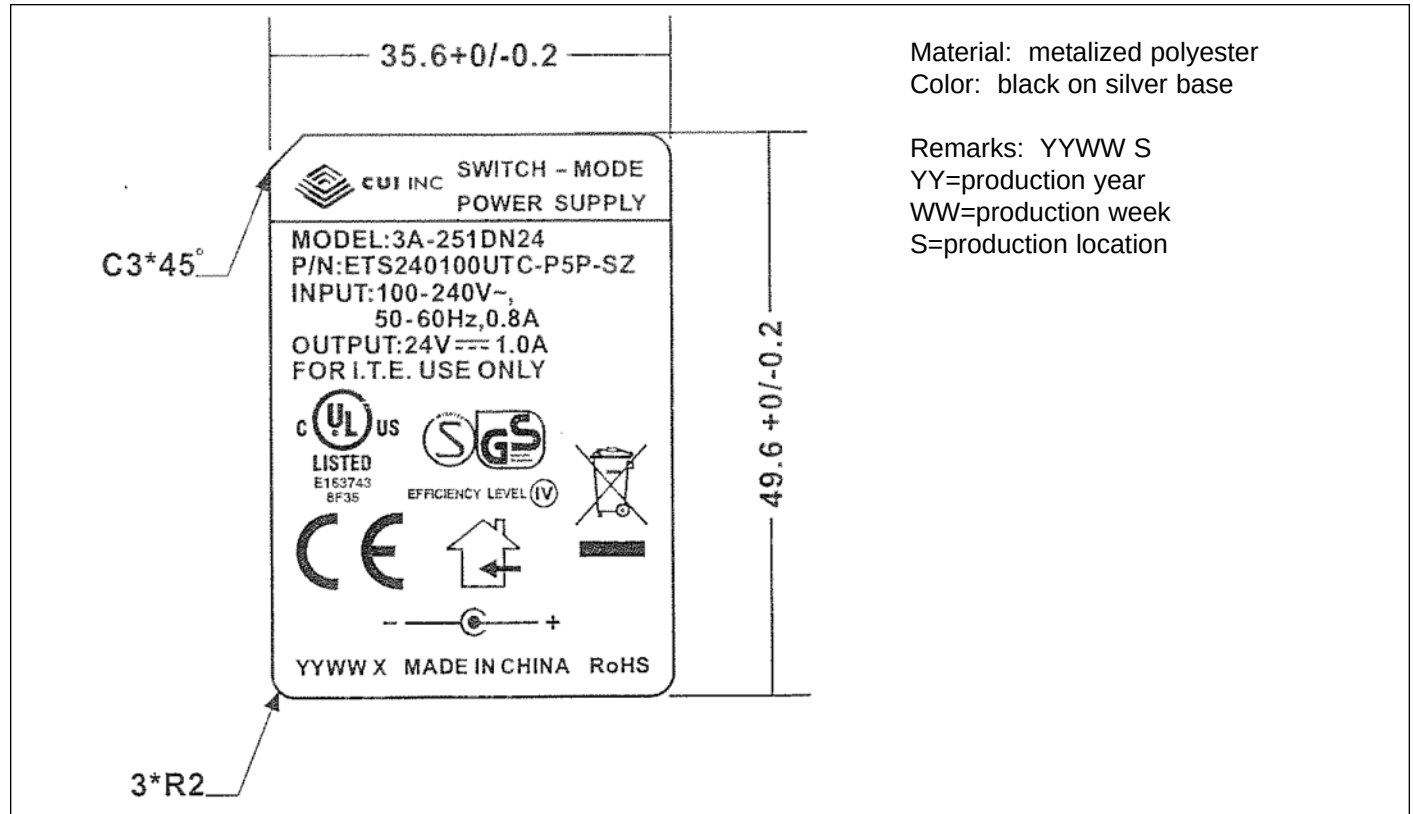
Description: switching power supply

Date: 6/07/2006

Unit: mm

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## Label



**CUI INC**

Part No: ETS240100UTC-P5P-SZ

Description: switching power supply

Date: 6/07/2006

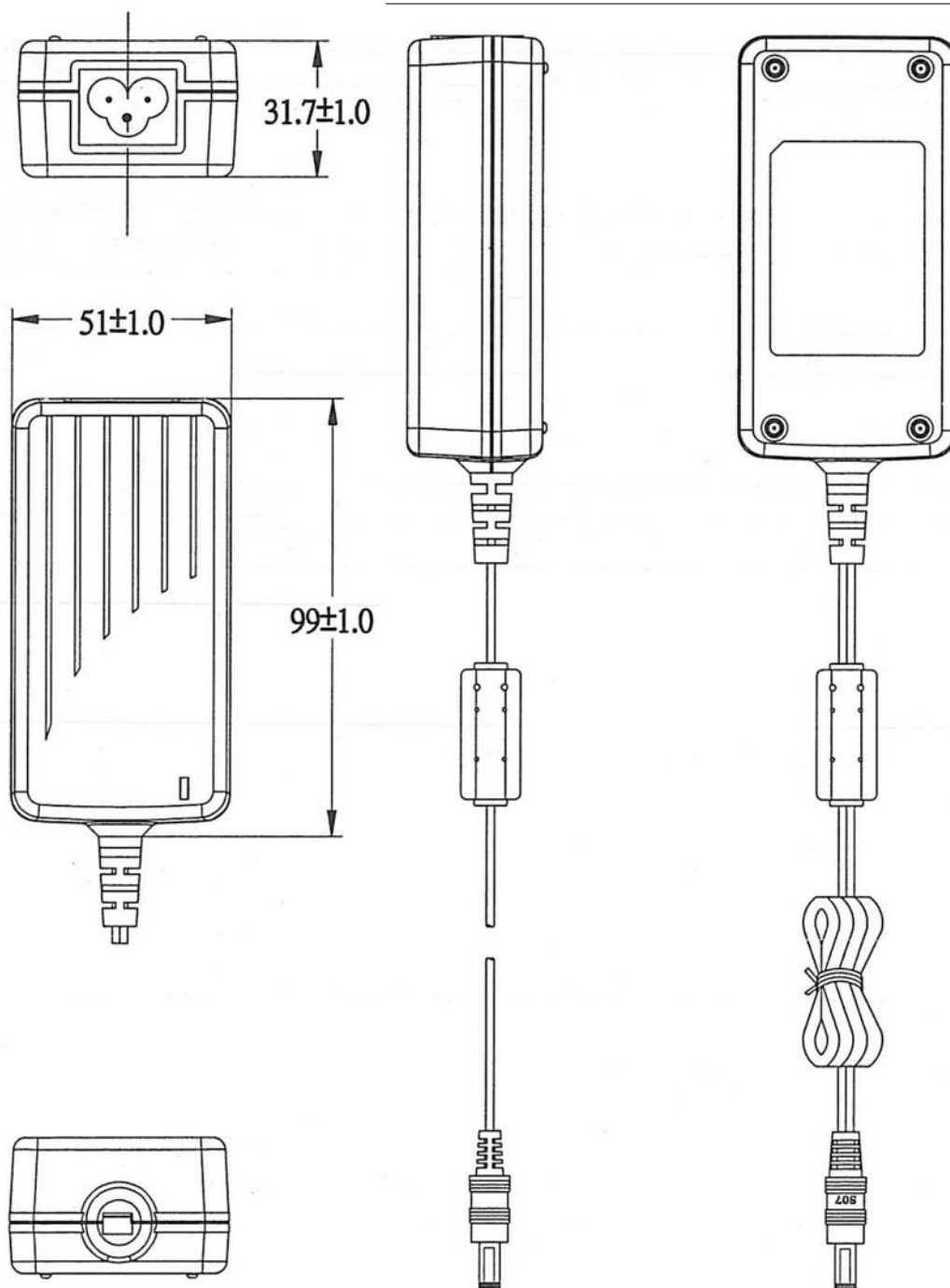
Unit: mm

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## Mechanical Drawing

Tolerance:  $\pm 1$ 

|            |                         |
|------------|-------------------------|
| Input plug | Inlet IEC320 3Pin Type  |
| Weight     | 229 g                   |
| Case size  | 99 L x 51 W x 31.7 H mm |





CUI INC

Part No: ETS240100UTC-P5P-SZ

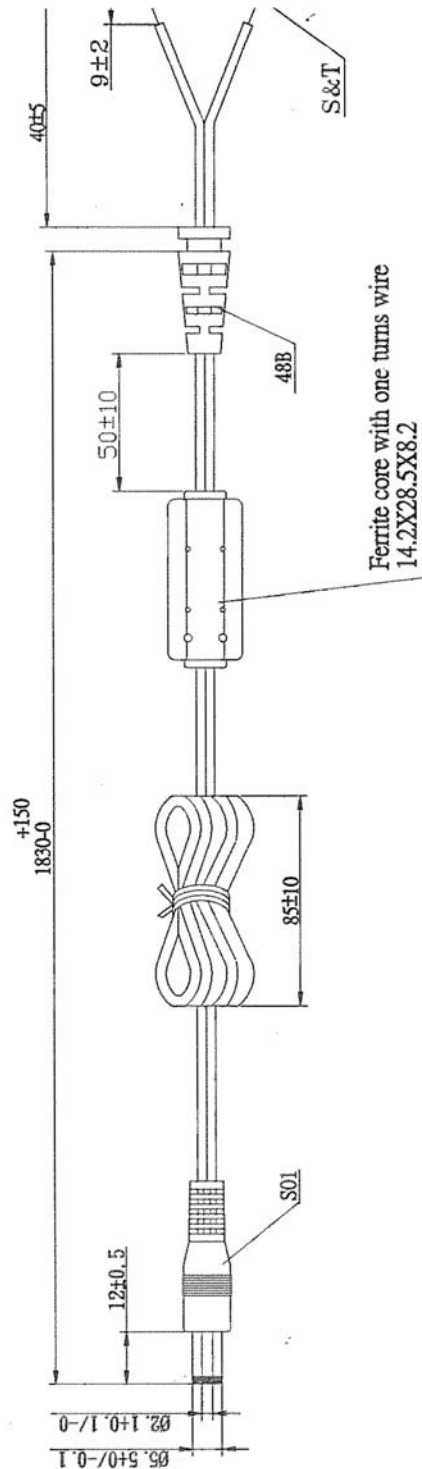
Description: switching power supply

Date: 6/07/2006

Unit: mm

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## DC Cord



#20AWG X2C UL2468 HAVE ON WORD WIRE IN OUTER, NO WORD WIRE IN INNER

OD: Ø1.9\*3.8



Parameter request

|                   |                        |
|-------------------|------------------------|
| VIBRATION<br>TEST | a. ±50°                |
|                   | b. WEIGHT 200g         |
|                   | c. 40 ROUND/MINUTE     |
|                   | d. OVER 1000 COUNT MIN |



CUI INC

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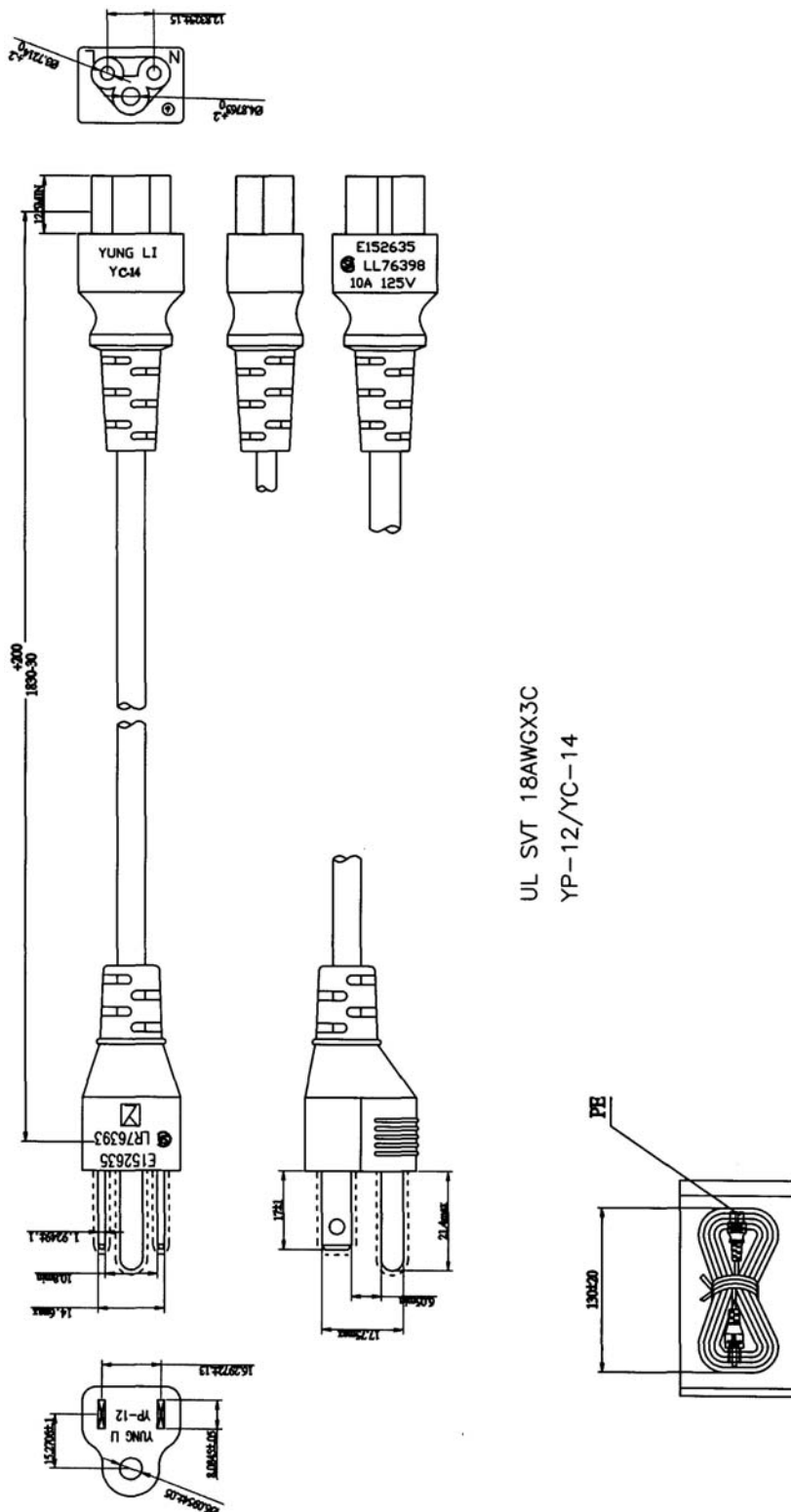
Description: switching power supply

Date: 6/07/2006

Unit: mm

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## AC Cord





**CUI INC**

Part No: ETS240100UTC-P5P-SZ

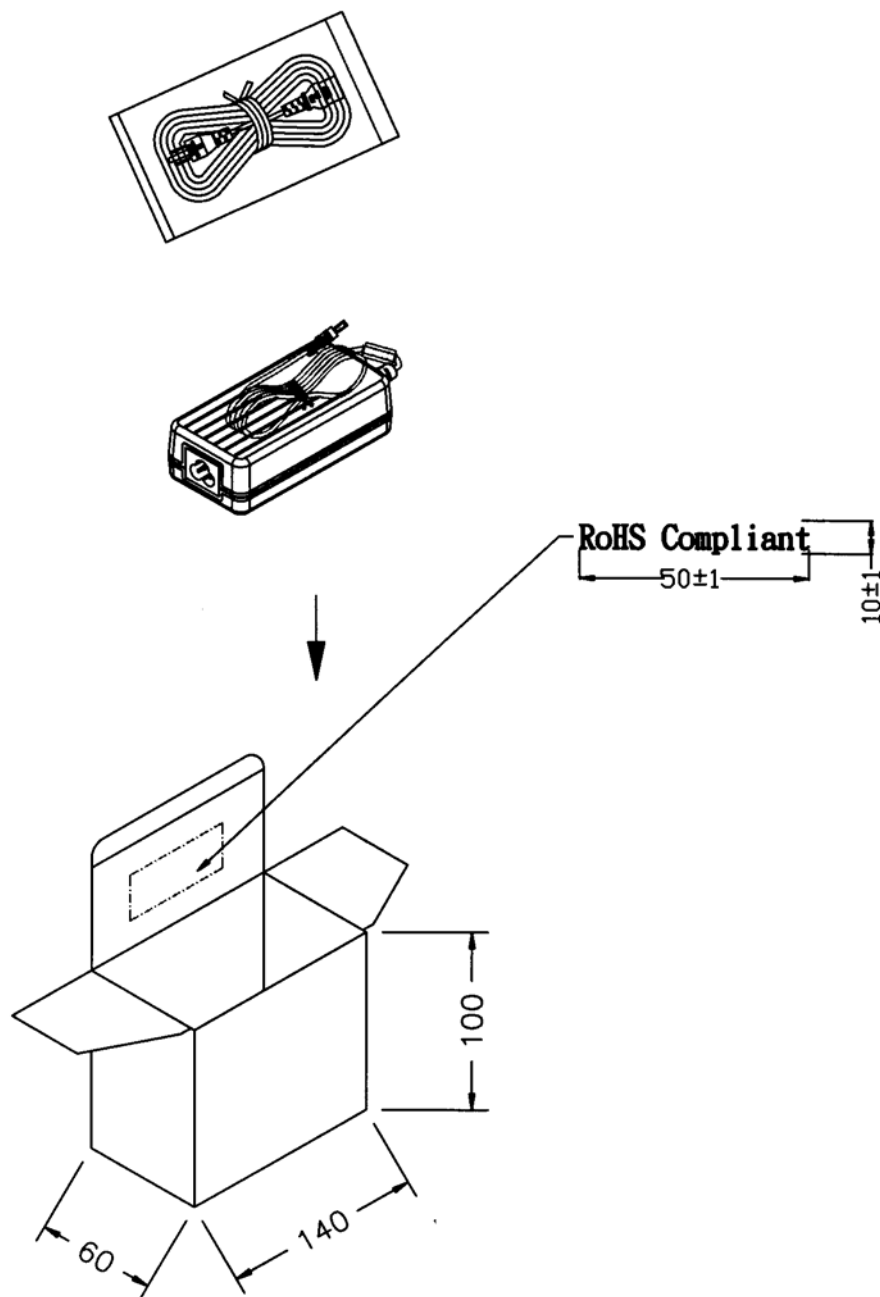
Description: switching power supply

Date: 6/07/2006

Unit: mm

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## Individual Packaging





**CUI INC**

Part No: ETS240100UTC-P5P-SZ

Description: switching power supply

Date: 6/07/2006

Unit: mm

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## Packaging

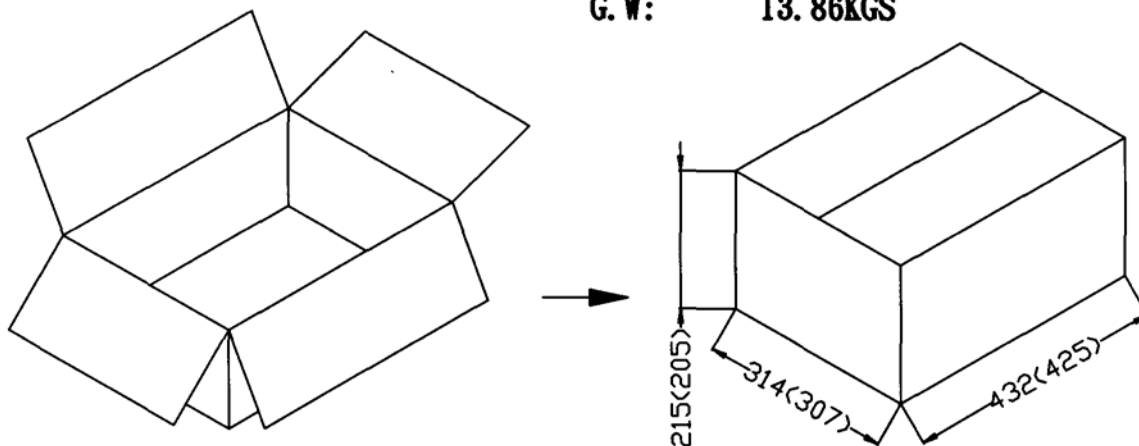
CARTON SIZE: 445X327X235

Q'TY: 30pcs(15X2 )

N. W: 12.36KGS

G. W: 13.06KGS

G. W: 13.86KGS



**"RoHS Compliant"**

