

SPECIFICATION

High Quality Switching Power Adapter

Universal AC Input
13W 5.0VDC 2.6A Output

P/N: W050026EN-XP

*** Specification Approval ***

This specification (total 10 pages including cover page) in its entirety is approved by:

Company Name

Print Name

Signature

Date

Specification subject to change without prior notice.



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CONTENT

| NO. | DESCRIPTION |
|------------------|-----------------------------------|
| 1 | Product characteristics |
| 1 .1 | General description |
| 1 .2 | Electrical characteristics |
| 1 .3 | Mechanical characteristics |
| 2 | Attachment |
| (Att. 1) | Label |
| (Att. 2) | Outdrawing |
| (Att. 3) | Package |
| (Att.3.1) | Package flow chart |
| (Att. 4) | Dc cord drawing |
| (Att. 5) | Electrical test report |

1 Product Characteristics:

1.1 General Description

P/N W0500026EN-XP is a universal switching-mode power supply, operating at input voltage 90VAC to 255VAC and output voltage of 5VDC with 2.6A DC load

1.2 Electric Characteristics

1.2.1 Input

| No | ITEM | SPECIFICATION |
|----|-------------------------------|-------------------------------|
| 1. | Rated input Voltage | AC100V-240V |
| | Vibration input Voltage Range | AC90V-255V |
| 2. | Frequency Rated | 50-60Hz |
| | Frequency Vibration | 47-63Hz |
| 3. | Input Rated Current | 600mA RMS Max |
| | Inrush Current | 30A Max .at 115vac cool start |
| | | 60A Max. at 230vac cool start |
| 4. | Leakage current | 0.25mA |
| 5. | Efficiency | 68% Min. |
| 6. | Standby Power.(NO Load) | 0.3W MAX. CEC Compliant |

1.2.2 Output:

| No | ITEM | V1 |
|----|----------------------------|--|
| 1. | output Voltage | 5VDC |
| 2. | output max. current | 2.6A |
| 3. | output min. Current | 0A |
| 4. | Line regulation | $\pm 1\%$ |
| 5. | Over voltage tolerance | $\pm 5\%$ |
| 6. | Over voltage protection | 10VMax. DC(output shut down) |
| 7. | Short circuit protection | Output shut down and auto restart |
| 8. | Ripple Voltage (100% Load) | 150mV (p-p) (100V-240VAC at full load) |

1.2.3 HI-POT SPECIFICATION

Input to output : 3000VAC 10mA 1 minute.

1.2.4 Insulation resistance:

Input to output: 500vdc to test the input to output resistance not be less 100M ohm

1.2.5 Safety approved: UL,CUL,GS,CE,PSE,SAA,FCC**1.2.6 EMI standard : meet EN55022 B****1.2.7 PB-free Standard: RoHS Compliant**

1.3 Mechanical Characteristics

1.3.1 AC Plug : Interchangeable PIN(UL UK VDE SAA)

1.3.2 DC cord:

(1) Bending test: Life 1000 times 100% guarantee. Swings 120 from

Left to right loading weight 500g , 40 cycle/minute.

(2) Pull test : DC cord and plug ,weight 6kg for 1 minute.

1.3.3 Cord length and output plug: See Reference Att.4

1.3.4 Weight : 230 g

1.3.5 Case Size: (L)74 X (W) 43.5X (H) 34mm

1.3.6 Normal operating temperature and humidity

1.3.7 Temperature

Operating: 0°C to 40°C

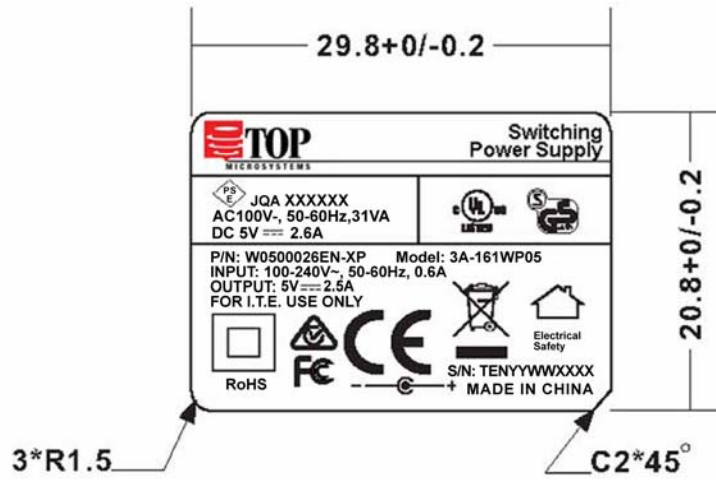
Storage : -10°C to 70°C

1.3.8 Humidity

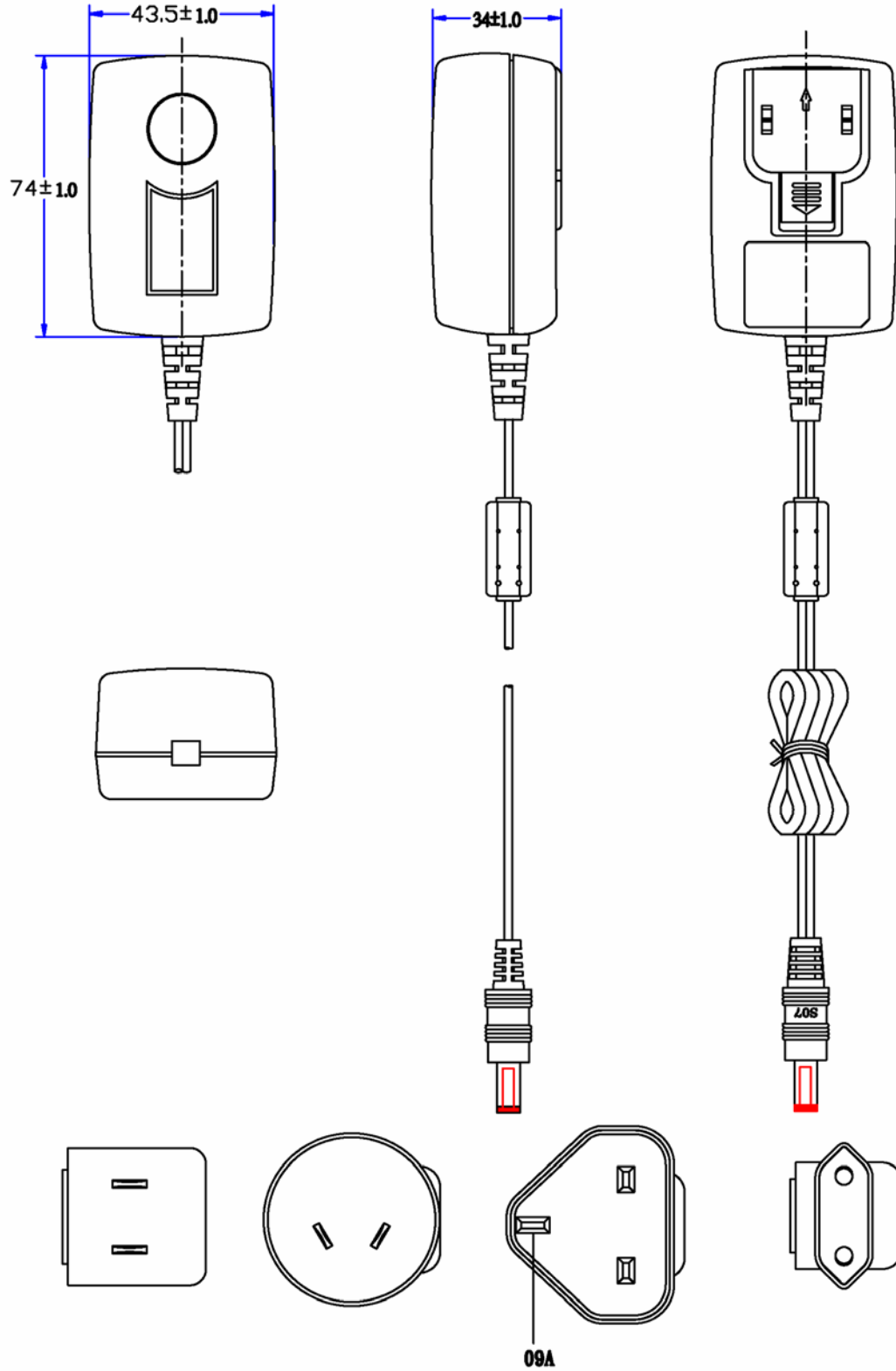
Operating : 20% to 80%.

Storage: 10% to 90%

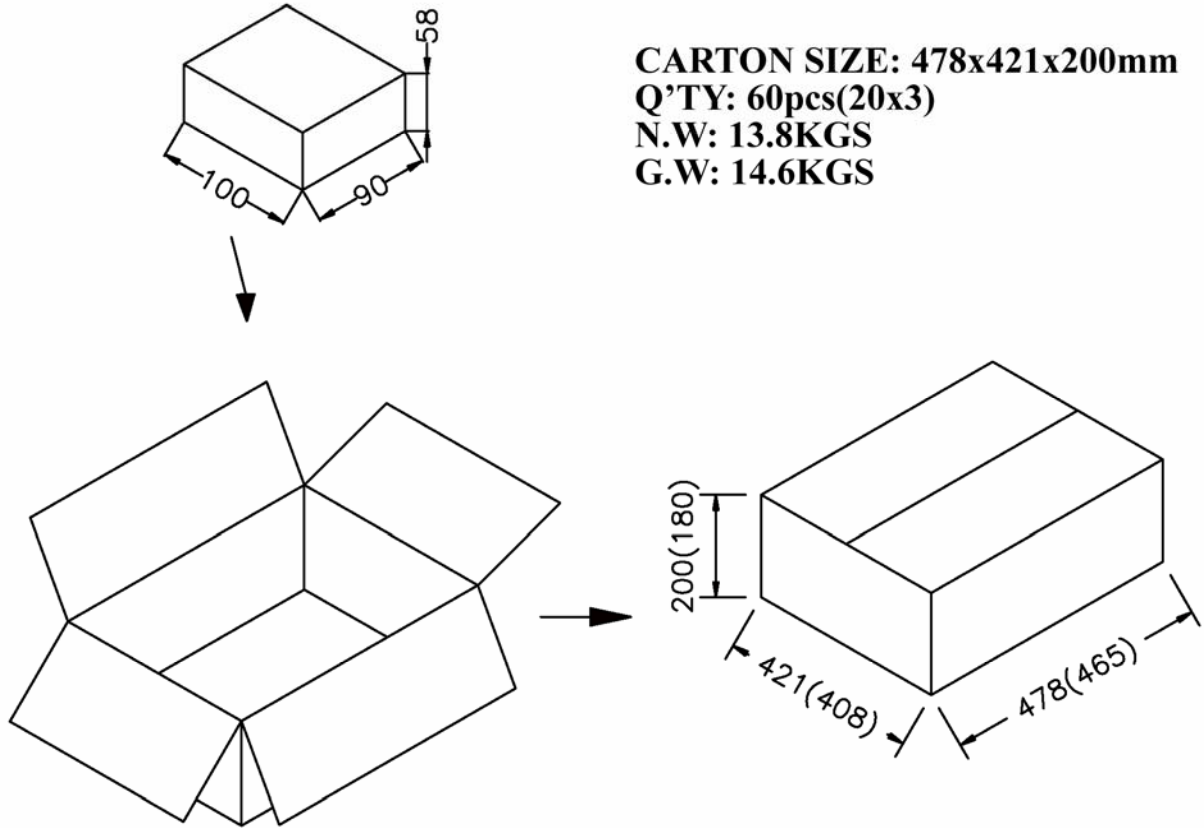
Att.1: Label



Att. 2: Outdrawing

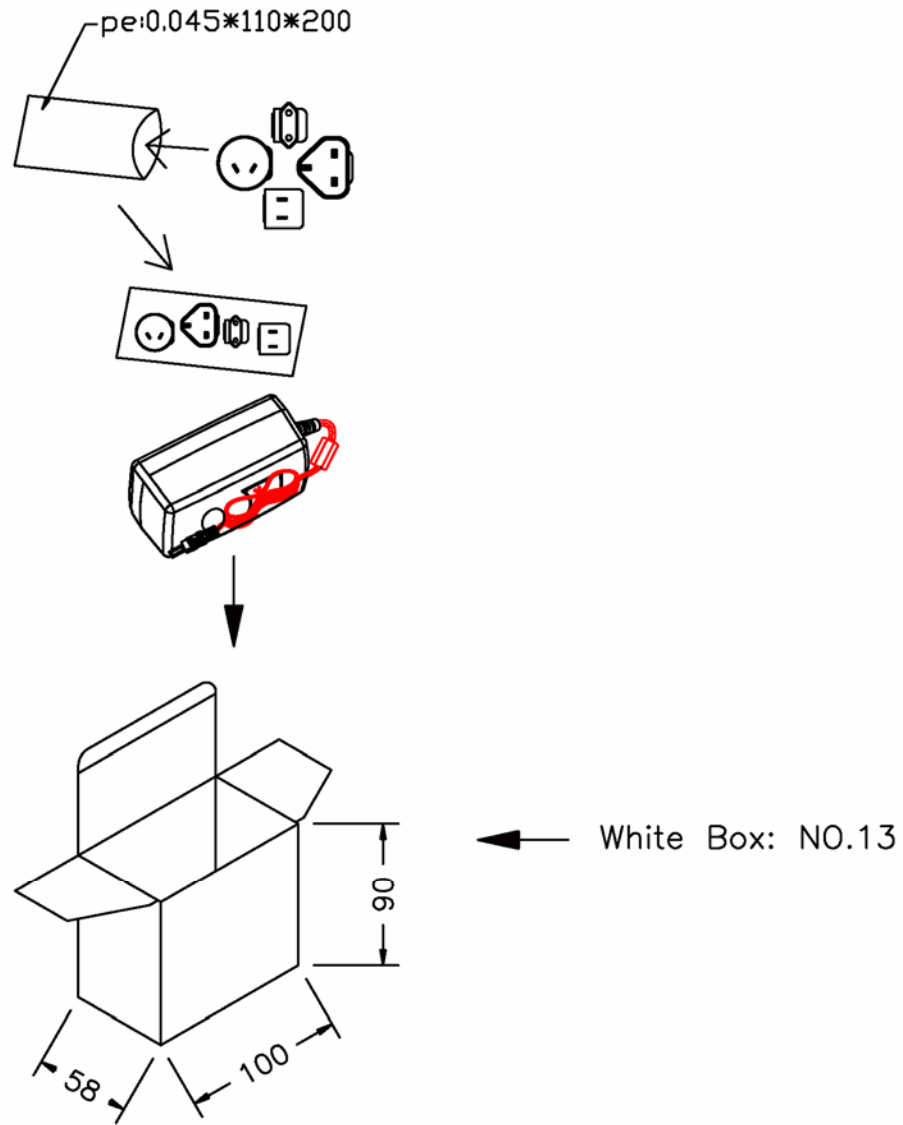


Att.3: Package



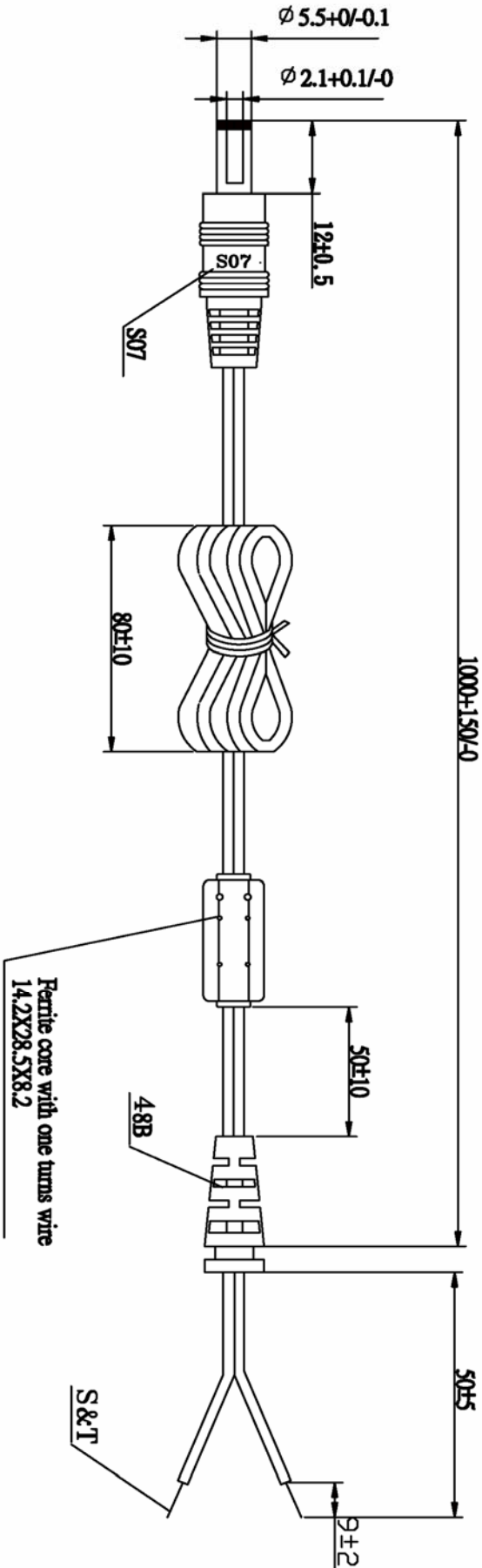
The tolerance of the internal dimensions of the carton is +7/-0

Att.3.1: Package flow chart



The tolerance of the external dimensions of the carton is +1/-1.

Att.4: DC Cord Drawing



#18AWGXXC SPT-1 HAVE ON WORD WIRE IN NEGATIVE, SCRATCH WIRE IN POSITIVE
 WIRE OD: $\phi 2.7\pm 5.4$ — — — — — +

Parameter request

- a. $\pm 60'$
 - b. 吊重 200g
 - WEIGHT 200g
 - c. 40回/分
 - 40 ROUND/MINUTE
 - d. 1000次/最少
 - OVER 1000 COUNT MIN
- VIBRATION TEST