

1. Product characteristics

1.1 General Description

Model 3A-066WP05 is a universal switching-mode power supply, operating at input voltage 90VAC to 264VAC and output voltage of 5.0VDC with 1.2A DC load

1.2 Electric Characteristics

1.2.1 Input

No	ITEM	SPECIFICATION
1.	Rated input Voltage	AC100V-240V
	Vibration input Voltage Range	AC90V-264V
2.	Frequency Rated	50-60Hz
	Frequency Vibration	47-63Hz
3.	Input Rated Current	300mA RMS Max
	Inrush Current	30A Max .at 115vac cool start
		60A Max. at 230vac cool start
4.	Leakage current	0.1mA
5	Efficiency	69.53% Min. CEC Compliant
6.	Input power(no load)	<0.3W CEC Compliant

1.2.2: Output:

No	ITEM	SPECIFICATION	
1.	output Voltage	5.0VDC	
2.	output max. current	1.2A	
3.	output min. Current	0A	
4.	Line regulation	$\pm 5\%$	
5.	output Voltage tolerance	$\pm 5\%$	
6.	Over voltage protection	Protect through primary circuit IC	
7.	Short circuit protection	Auto restart	
8.	Ripple Voltage	100mV (p-p)	Input : (100V-240VAC)
			Output: full load

1.2.3 HI-POT SPECIFICATION

Input to output : 3000VAC or 4242VDC 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, BSIM, RCM ,CCC

1.2.6 EMI standard : FCC Class B , CE, VCCI

1.2.7 PB-free standard: RoHS Compliant

1.3 Mechanical characteristics

1.3.1 AC Plug: INLET Type:UL,VDE,SAA,UK

1.3.2 DC cord:

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

Left to right loading weight 200g , 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 : 120 g

1.3.5 Case Size: (L)64 X (W)40.5X (H)30mm

1.3.6 Normal operating temperature and humidity

1.3.7 Temperature

Operating: 0°C to 40°C

Storage : -10°C to 70°C

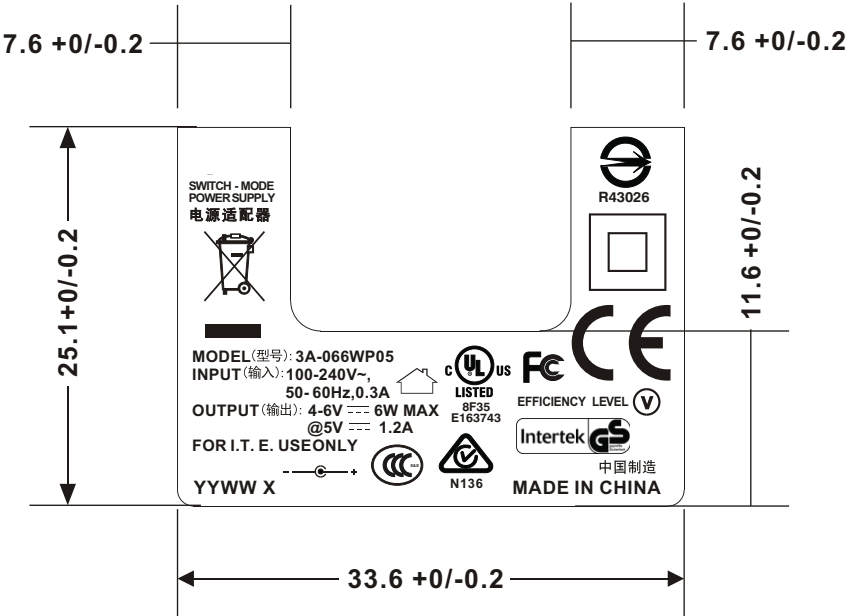
1.3.8 Humidity

Operating : 20% to 80%.

Storage: 10% to 90%

2.Attachment:

- (Att.1) Label**
- (Att.2) Outdrawing**
- (Att.3) Package**
- (Att.3.1) Package flow chart**
- (Att.4) Dc cord drawing**



UNIT: mm

YYWW X YY:YEAR WW:WEEK X=S or A (S:FU YONG A:DONG GUAN)

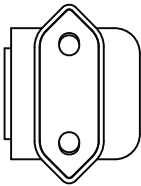
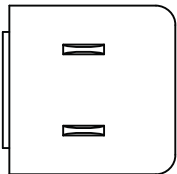
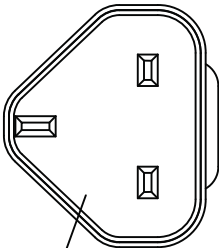
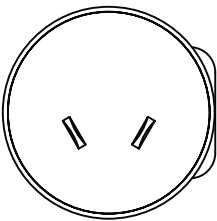
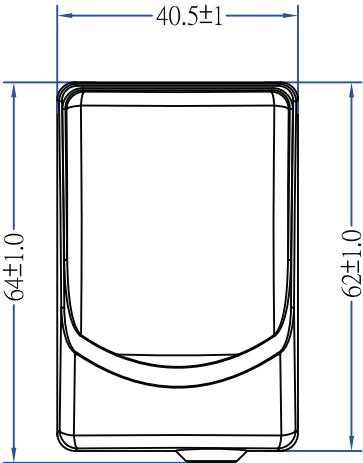
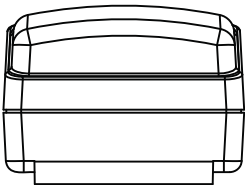
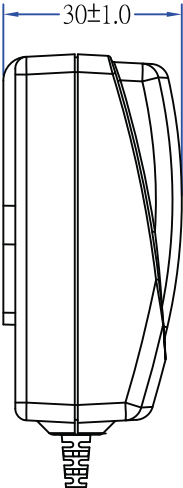
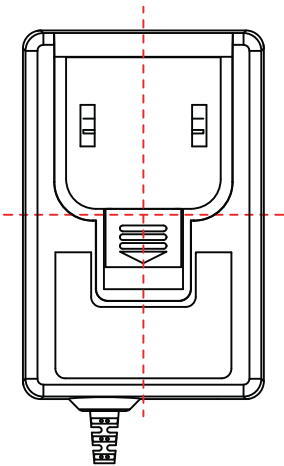
ALUMINUM NAMEPLATE: ○ BLACK WORD ON SILVER BASE

○ SILVER WORD ON BLACK BASE

METALIZED POLYESTER: ○ BLACK WORD ON SILVER BASE

(SILVER MATTER): ● SILVER WORD ON BLACK BASE

@3A-066WPxx					TOLERANCE				
DESIGNED	CHECKED	SAFETY	APPROVED			TITLE			DATE
Tee	Lisa	Mem	Benson	UNITS	mm	DRAWING No.			10-APR-28
				SCALE	2:1	@N20-000000-xxx			
						DRAWING NAME			REVISION
						0608			01

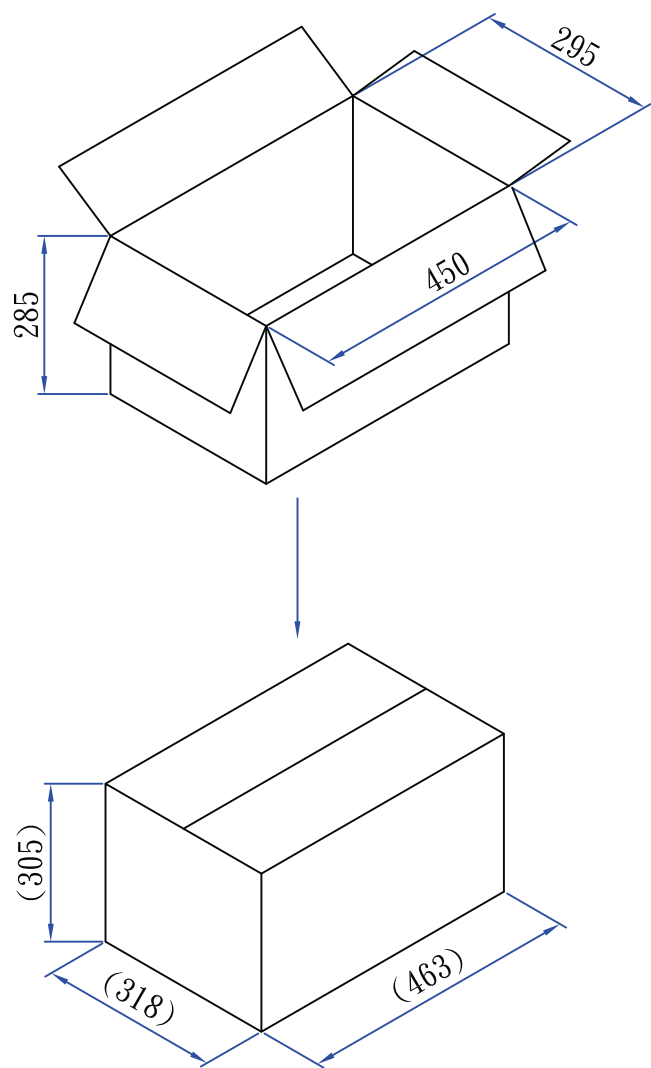


09A

TOLERANCE

DESIGNED	CHECKED	APPROVED			TITLE	OUTDRAWING	DATE
<i>Hump</i>	<i>Lisa</i>	<i>Benson</i>	UNITS	mm	DRAWING No.	060815-001	10-APR-28
			SCALE		DRAWING NAME	060815	REVISION 01

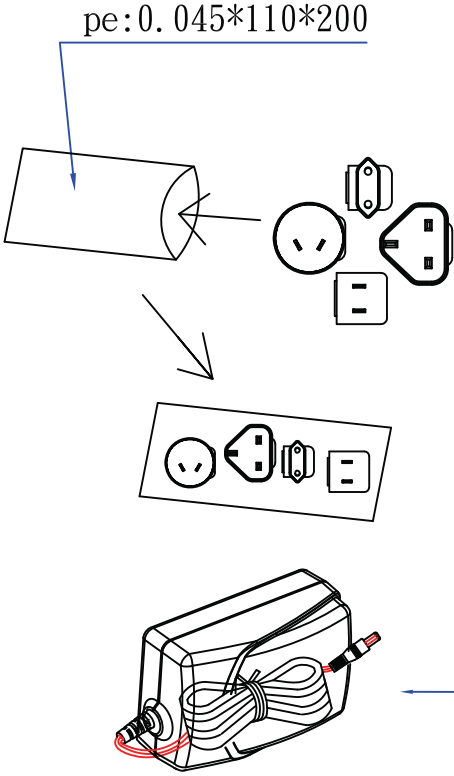
CARTON INTERNAL SIZE:450*295*285mm
Q'TY: 80PCS(20*4)
N.W: KGS
G.W: KGS



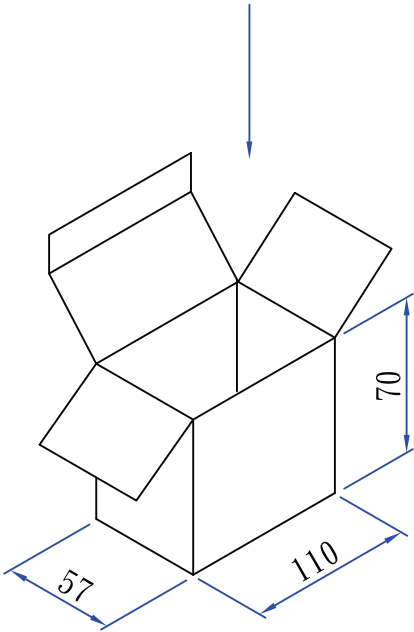
The tolerance of the internal dimensions of the carton is +7/-0

TOLERANCE				

DESIGNED	CHECKED	APPROVED			TITLE	PACKAGE	DATE
<i>Hump</i>	<i>Lisa</i>	<i>Benson</i>	UNITS	mm	DRAWING No.	P06-2040-H-50	10-APR-28
			SCALE				
					DRAWING NAME	06-2040-H-50	REVISION
							01



PRODUCT

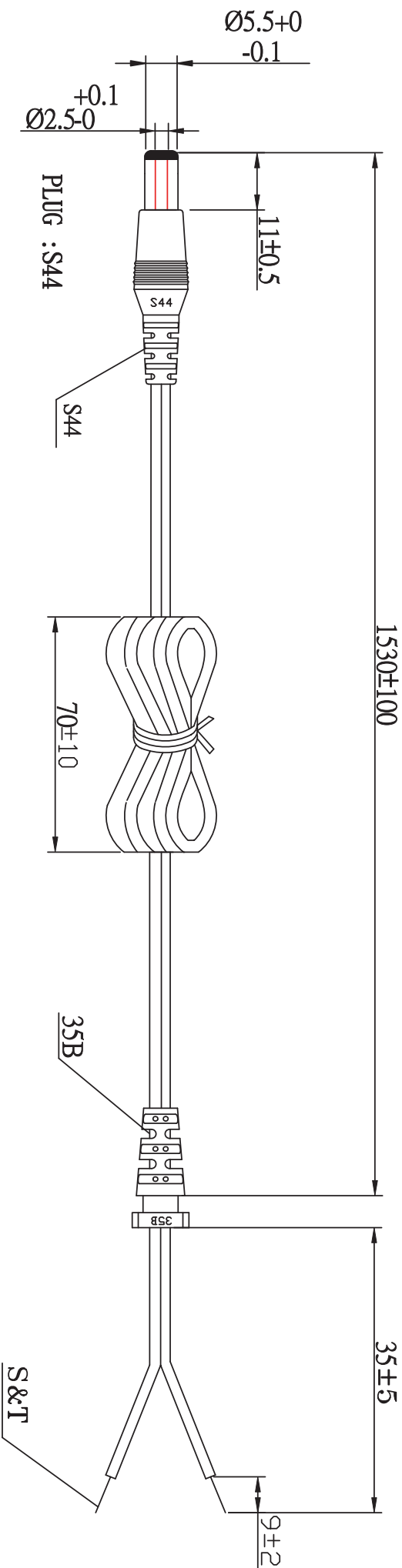


WHITE BOX:06#

The tolerance of the external dimensions of the white box is ± 1

TOLERANCE				

DESIGNED	CHECKED	APPROVED			TITLE	DATE
<i>Hump</i>	<i>Lisa</i>	<i>Benson</i>			PACKAGE FLOW CHART	
			UNITS	mm	DRAWING No.	10-APR-28
			SCALE		@3A-066WPxx	
					DRAWING NAME	REVISION
					6#	01



#22AWG X2C UL2468 HAVE ON WORD WIRE IN OUTER, NO WORD WIRE IN INNER

Wire OD: $\varnothing 1.7 \times 3.4$

有印字接外(負)

TOLERANCE			

Parameter request							TITLE		DATE
搖擺測試 VIBRATION TEST	a. ±60°	DESIGNED	CHECKED	APPROVED			DC	CORD	2009-02-11
	b. 吊重200g WEIGHT 200g	xiaodh	chengxq	bill	UNITS	mm	DRAWING No.		
	c. 40回/分 40 ROUNDS/MINUTE						@3A-066WP05		
	d. 1000次/最少 OVER 1000 COUNTS MIN						DRAWING NAME		
						21-35BS44-03A-00	REVISION 01		