

ok Angel

REV. 01

CUSTOMER _____ Y02

Approval Sheet

DESIGNED NO.: SWITCHING POWER SUPPLIES

MODEL NO.: EPA-301DAN-12

ENG NO.: @3A-301DA12-057

MASTER

T3630ST

APPROVAL		

Remark: 1).Please approve and sign back to ENG ELEC.

2).If there is no signing back,this Approval sheet will be regarded as being approved automaticly once the first P.O. of the model specified in the sheet is issued.

SUPPLIER		
DESIGN	CHECKED	APPROVED
		 



英 格 爾

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SHENZHEN ENG ELECTRONICS CO., LTD.

FILE NO.: EN-RDS-H134

FILE: @3A-301DA12-057

SHEET: 01

1 Product Characteristics:

1.1 General Description

Model EPA-301DAN-12 is a universal switching-mode power supply, operating at input voltage 90VAC to 255VAC and output voltage of 12VDC with 2.5A 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	800mA RMS Max
	Inrush Current	30A Max .at 115vac cool start
		50A Max. at 230vac cool start
4.	Leakage current	0.25mA
5.	Efficiency	65% Min.

SHENZHEN ENG ELECTRONICS CO., LTD.

FILE NO.: EN-RDS-H134

FILE: @3A-301DA12-057

SHEET: 02

1.2.2 Output:

No	ITEM	SPECIFICATION
1.	output Voltage	12VDC
2.	output max. current	2.5A
3.	output min. Current	0A
4.	Line regulation	$\pm 1\%$
5.	Load regulation	$\pm 5\%$
6.	Over voltage protection	15V to 18V C(output shut down)
7.	Short circuit protection	Output shut down and auto restart
8.	Ripple Voltage (L.F.)	120mV (p-p) full load (100V-240VAC Input)

1.2.3 HI-POT SPECIFICATION

Input to output : 3000VAC or 4242VDC 10mA 1 minute.

1.2.4 Insulation resistance:

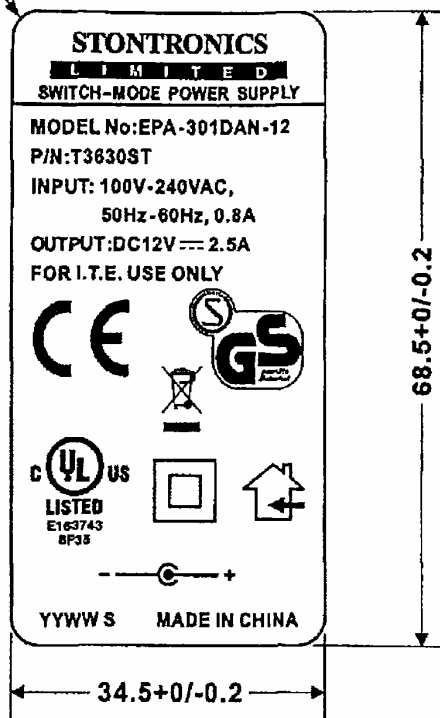
Input to output: 500vdc to test the input to output resistance not be less 100M ohm

1.2.5 Safety approver UL,CUL,GS,CE

1.2.6 PB-free standard : ENG (EMS-EHS-001)

Att.1

4*R3.5



UNIT: mm

YYWW S

YY: YEAR

WW: WEEK

S: FUYONG

ALUMINUM NAMEPLATE: ○ BLACK WORD ON SILVER BASE

○ SILVER WORD ON BLACK BASE

METALIZED POLYESTER: ● BLACK WORD ON SILVER BASE

(SILVER MATTE)

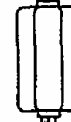
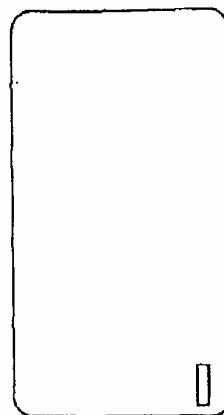
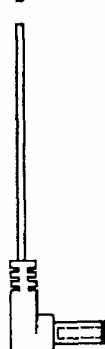
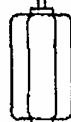
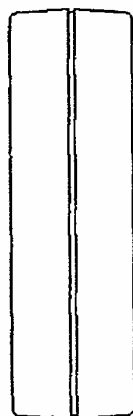
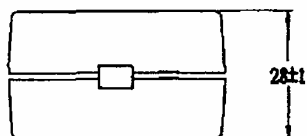
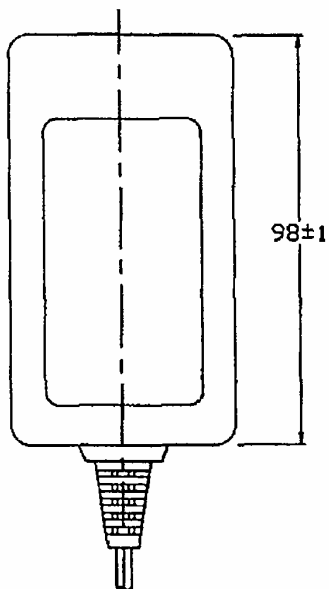
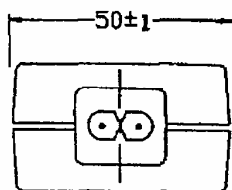
○ SILVER WORD ON BLACK BASE

@3A-301DA12-057

TOLERANCE

DESIGNED	CHECKED	APPROVED	TITLE		DATE
Hump	工程 部 2005.8.01 肖喜青	工程 部 2005.8.02 劉地	UNITS	mm	DRAWING No.
			SCALE	1:5:1	N0Y02-0121
ENG ELECTRICS CO., LTD.				DRAWING NAME	REVISION
				3001	01

Att.2



TOLERANCE

DESIGNED	CHECKED	APPROVED	TITLE		DATE
<i>Hump</i>			OUTDRAWING		05/08/01
ENG ELECTRIC CO; LTD			UNITS	mm	DRAWING No.
			SCALE		03A-301DA12-057
			DRAWING NAME		REVISION
			300111		01

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