

Kysan Electronics

承 認 書

SPECIFICATION FOR APPROVAL

客户编号

CUSTOMER: _____

产品名称

DESCRIPTION: 36V/4.16A ADAPTER _____

公司型号

OUR MODEL NO: GM150-3600416 _____

承认书编号:

SPECIFICATION NO: GVE1006071 _____

产品料号:

PRODUCT NO: _____

日 期:

DATE: 2011-1-26 _____

APPROVED SIGNATURE		
DATE:	DATE:	DATE:

PLEASE RETURN TO US ONE COPY OF “SPECIFICATION FOR APPROVAL” WITH YOUR APPROVED SIGNATURE

CUSTOME		CUSTOMERPART NO				
MANUFACTURE R	Kysan ELelectronics		FAGE	1OF9	EDITION	A

Switching Power Supply Specifications

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1、描述:

The purpose of the document is to specify the functional requirements of a 150W switching power supply.

2、INPUT CHARACTERISTICS:

2.1 Input Voltage:

Nominal Voltage:100-240Vac

Variation Range:90-264Vac

2.2 Input Frequency:

Nominal Frequency:50-60Hz

Variation Frequency:47-63Hz

2.3 输入电流(Input Current):

2.5Arms max At any input voltage and rated, DC output rated load.

2.4 Inrush Current:

30Amps Max. Cold start at 240Vac input, with rated load and 25°C ambient.

2.5 Ac Leakage Current:

3.5mA Max At 240Vac input.

2.6 PF factor $\geq$ 0.90

3、OUTPUT CHARACTERISTICS:

3.1 Power Output;

Voltage	Min. Load	Max. Load	Peak	Output Power
+36.0Vdc	0A	4.16A	4.16-5A	144W

3.2 Combined Load/Line Regulation:

Voltage	Min. Voltage	Max. Voltage	Line Regulation	Load Regulation
+36.0Vdc	36.0V	37.0V	$\pm 3\%$	$\pm 5\%$

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3.3 Ripple And Noise:

The ripple and noise are as follows when measure with Max. Bandwidth of 20MHz and Parallel 47uF/0.1uF,crossed connected at testing point.

<u>Voltage</u>	<u>Ripple And Noise(Max.)</u>
+36.0Vdc	300mVp-p

3.4 Turn On Delay Time:

2 second Max. At 115Vac input and output Max. Load.

3.5 Rise Time:

40mS Max. At 115Vac input and output Max. Load.

3.6 Hold Up Time:

5mS Min. At 115Vac input and output Max. Load.

3.7 Efficiency:

90%Min.At 100Vac input and output Max. Load.

92%Min.At 240Vac input and output Max. Load.

3.8 Overshoot:

15%Max.When power supply at turn on or turn off.

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4、 PROTECTION REQUIREMENT:

4.1Short Circuit Protection:

The power supply will be auto recovered when short circuit faults remove.

4.2 Over current Protection:

The power supply will be auto recovered when over current faults remove.

4.3 Over Voltage Protection

The power supply will not be auto recovered when faults remove.

5、 ENVIRONMENTAL REQUIREMET:

5.1Operating Temperature:

0℃to40℃ ,Full load Normal operation.

5.2 Storage Temperature:-20℃to85℃,With package

5.3 Relative Humidity:

5%(0℃)～90%(40℃)RH,72Hrs,Full load Normal operating.

5.4 Vibration:

1、 Operating: IEC 721-3-3 3M3

5～9Hz,A=1.5mm (9～200Hz,Acceleration 5m/s²)

2、 Transportation): IEC 721-3-2 2M2

5-9Hz, A=3.5mm

9～200Hz,Acceleration=5m/S²

200～500HZ,Acceleration=15m/S²

3、 Axes,10 cycles per axis.

No permanent damage may occur during testing.

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The product has to restore its original situation after power off/on.)

5.5 Dropping (Packed):

1 corner,3 edges, and 6 surfaces

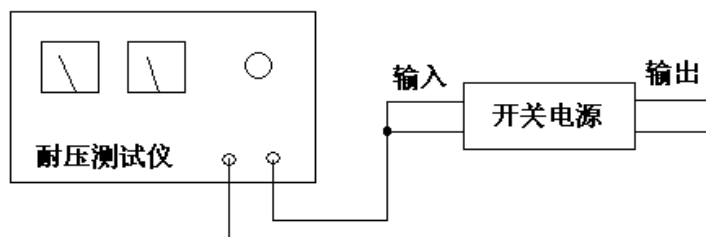
Height:76cm

3、 SAFETY AND EMC REQUIREMENT:

6.1 安全: 符合 3C 标准。

6.2 DIELECTRIC STRENGTH:

(Primary to secondary): 2121Vdc/5mA/60s.



7、 MECHANICAL REQUIREMENT:

7.1 Enclosure:

DEMINSION:L172*W73*H32mm

The power supply size L: L172*W73*H32mm

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7.2 Input Connector

品字输入座。3×0.5 平方 1.5 米美式三插品字尾。

7.3; POWER CORD

DC 线: AWM 2464 18AWG*2C,VW-1,80℃,FT1,300V,线上有字,总长 1.5 米,无环, 音叉 DC 头 5.5*2.1*10MM

8、Label:



白底黑字

black words with white background

材质: 肖银龙

Material: 肖银龙

耐高温 110 度以上

Endure heat above 110℃

厚度 0.12mm

Thickness: 0.12mm

3*RI±0.1mm

3*RI±0.1mm

斜角 2.5mm

Angle 2.5mm

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9、包装

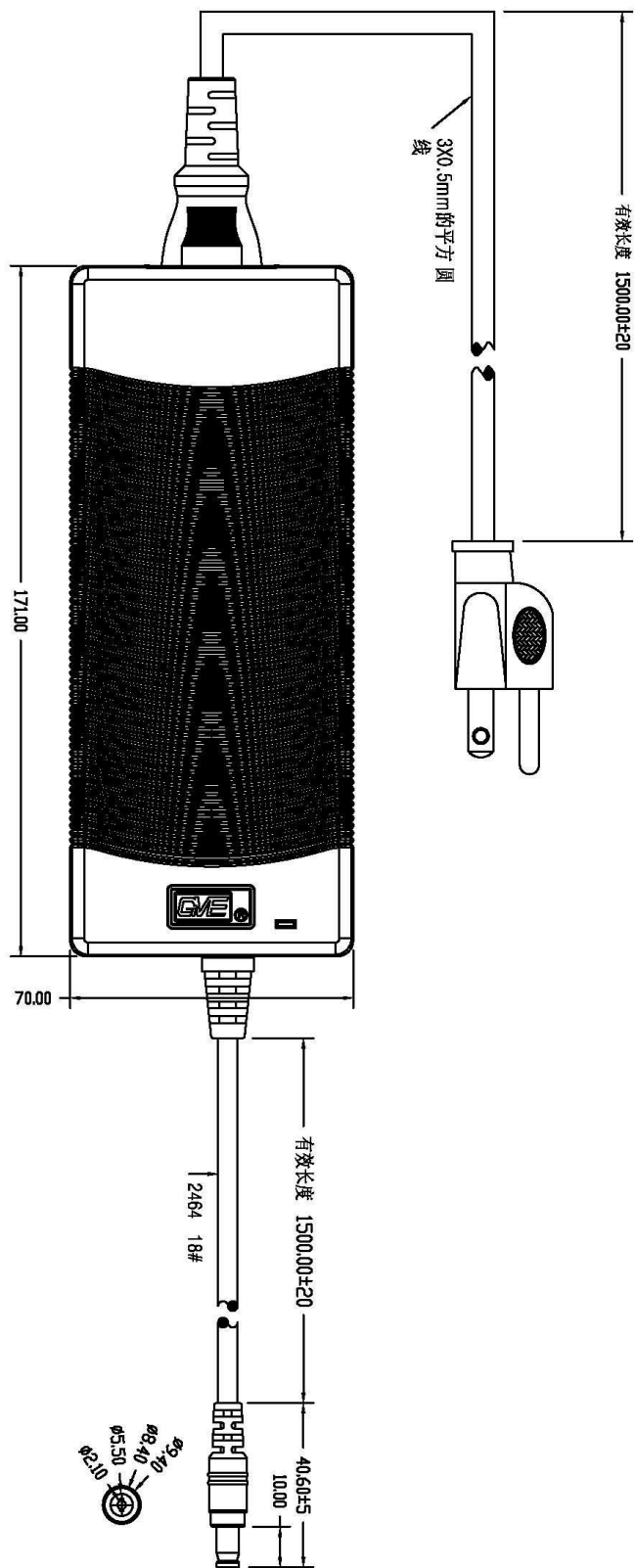
白盒 （尺寸 102*42*203MM）

DESIGN/拟制:

CHECK/审核:

APPROVAL/批准:

料号	
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			版本号	图寸	设计	校对	审核	尺寸公差		
			B	A4	邓振湖			±0.05	±0.10	✓
图号	型号	产品名称	单位	比例	设计日期	材料		±0.15	±0.20	
		150W组立图	mm	1:1	2011.12.12	PVC		±0.25	±0.30	