

承认书

SPECIFICATION FOR APPROVAL

Switching power Supply/开关电源

客户:

CUSTOMER: _____

产品描述:

DESCRIPTION: Input:100~240V AC 50/60Hz Output: 12VDC2A

机种型号:

OUR MODEL NO: HX08-1202 (218H)

样品编号:

日期:

SAMPLE NO:

DATE: 2012-4-18

产品颜色:

SAMPLE COLOR:Black



White



APPROVAL SIGNATURE/客户确认

核准/APPROVED BY	审核/CHECKED BY	检测/TESTED BY

Manufacturer/制造商

业务/SALES	核准/APPROVED BY	设计/DESIGNED BY

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型号Ourmodel: HX08-1202 (218H)

客户/Customer:

日期/Date:2012-4-18

样品编号/SAMPLE No: HX-00418

版本目录/Rev. List

版本/Rev.	日期/Date	描述/ Description	制订/Design
A0	2012-4-18	新版本/New Rev.	李润

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1、描述/ DESCRIPTION:

本规格书适应于 HX08-1202 (218H) 型号的开关电源.

The purpose of the document is to specify the functional requirements of a 24W switching power supply.

2、输入特性/INPUT CHARACTERISTICS:

2.1 额定电压/Rated Input Voltage: 100~240Vac

2.2 额定输入频率/ Rated Input Frequency: 50/60Hz.

2.3 输入电流/Input Current:

当输入交流电压为额定值的下限电压负载满载时,最大输入交流电流 **0.54A**

0.54Amps max At any input voltage and rated, DC output rated load.

2.4 浪涌电流/Inrush Current:

当输出为额定负载,环境温度为 25°C,输入 240Vac 冷态起机时的最大浪涌电流小于 50A.

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

2.5 AC 漏电流/Ac Leakage Current:

当输入电压 240Vac 时,最大漏电流为 0.25mA.

0.25mA Max. At 240Vac input.

3、输出特性/OUTPUT CHARACTERISTICS:

3.1 输出功率/Power output

电压 Voltage	最小负载 Min. Load	额定负载 Rated. Load	峰值功率 Peak	输出功率 Output power
12VDC	0A	2A	29W	24W



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3.2 负载特性,调整率/Combined Load/Line Regulation

电压 Voltage	最小负载 Min. Load	额定负载 Rated. Load	线性调整 Line Regulation	负载调整 Load Regulation
12VDC	0A	2A	±3%	±5%

3.3 纹波和噪音 Ripple and Noise:

测试条件:在额定电压及额定负载条件下,使用示波器带宽为 20MHz 连接到充电器的输出端,同时输出端并联一个 47uF 的电解电容和一个 0.1uF 的瓷片电容.

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

电压 Voltage	最大纹波/最大噪音 Ripple and Noise(Max.)
12VDC	120mV p-p

3.4 启动延迟时间/Turn on delay time:

当输入 115Vac 和输出最大负载时,最大启动时间为 2S.

2Second Max.at 115Vac input and output Max.load.

3.5 上升时间/Rise time:

当输入 115Vac 和输出最大负载时最大时间为 40 mS.

40 mS Max.at 115Vac input and output Max load.

3.6 效率/Efficiency:

当 115/230Vac 输入电压时,半载和满载计算平均效率,最小80%。

80%Min, At 115/230Vac input voltage, half load and full load calculation average efficiency.

3.8 过冲/Overshoot:

在电源开启或关闭的时候,最大 5%.

5% Max.When power supply at turn or turn off.

4、保护功能/PROTECTION FUNCTION:

4.1 短路电路保护/Short circuit protection:

该电源供给器在短路解除时能正常工作恢复.

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

4.2 过流保护/Over current Protection:

过流故障排除后,电源将自动恢复正常工作.

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



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5、环境要求/ENVIRONMENTAL REQUIREMET:

5.1 工作温度/Operating Temperature:

0°C-40°C,满载,正常工作.

0°C to 40°C, Full load, Normal operation.

5.2 储藏温度/Storage Temperature: -20°C to 80°C

带外壳/With package

5.3 工作湿度/Relative Humidity:

5% (0°C)~90% (40°C), 72 小时, 满载, 正常工作.

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

5.4 振动/Vibration:

1. 测试标准: 国际电工电子委员会

Operating: IEC 721-3-3 3M3

5~9Hz, A=1.5mm

加速度(9~200Hz, Acceleration 5m/S²)

2. 运输/Transportation:

IEC 721-3-2 2M2

5-9Hz, A=3.5mm

9~200Hz, 加速度 Acceleration=5m/S²

200~500Hz, 加速度 Acceleration=15m/S²

3. 轴向振动/Axes, 10 cycles per axis.

在测试过程中不能出现永久性的损坏.

No permanent damage may occur during testing.

在电源开启和关闭后, 样机能够恢复到最初条件.

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

5.5 跌落试验/Dropping Packed:

750 mm ± 10 mm for desk-top equipment as described above;

桌上型仪器作测试时为 750mm+/-10mm.



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6、安全及 EMI 要求/SAFETY AND EMI REQUIREMENT:

6.1 安全: 按 IEC60950 标准设计.

Safety: Design by IEC60950 standard.

6.2 高压/DIELECTRIC STRENGTH Hi-Pot:

初级对次级/Primary to secondary: 1750Vac/5mA/60S for type test.

6.3 绝缘抗阻/Insulation resistance:

初级对次级/Primary to secondary: 10M Ω min at 500V DC.

6.4 EMI 标准/EMI STANDARD

Designed according to the following standards/按以下标准设计:

<1>.Fcc class B rules

<2>.EN55022 class B rules

<3>.GB9254-1998,GB17625.1-2003

※注: 在保证产品性能符合此承认书的条件下, 本公司有权对产品电路和元器件进行更改优化。

Conditions to ensure product performance in line with this acknowledgment, the Company reserves the right to make changes to optimize product circuits and components.



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7、 结构参数/MECHANICAL REQUIREMENT:

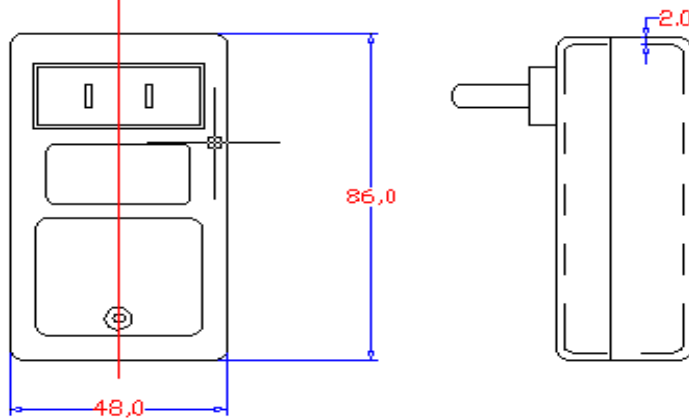
7.1 外壳/Enclosure:

外壳尺寸: mm;

The power supply size: mm

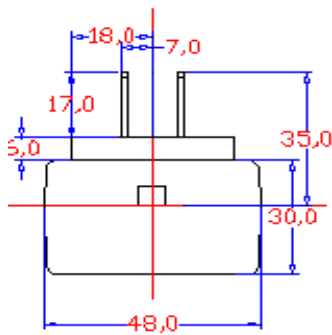
7.2 输入线/Input Connector:

2Pin UL / Two pin input plug of UL

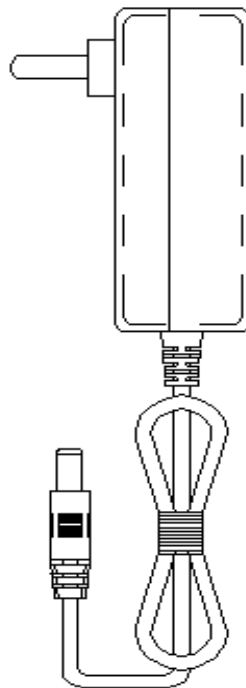


主视图

左视图



俯视图



备注:

- 1.外壳颜色为黑色.
- 2.产品尺寸单位 mm.
- 3.产品未标公差尺寸默认为 ± 0.1 mm.



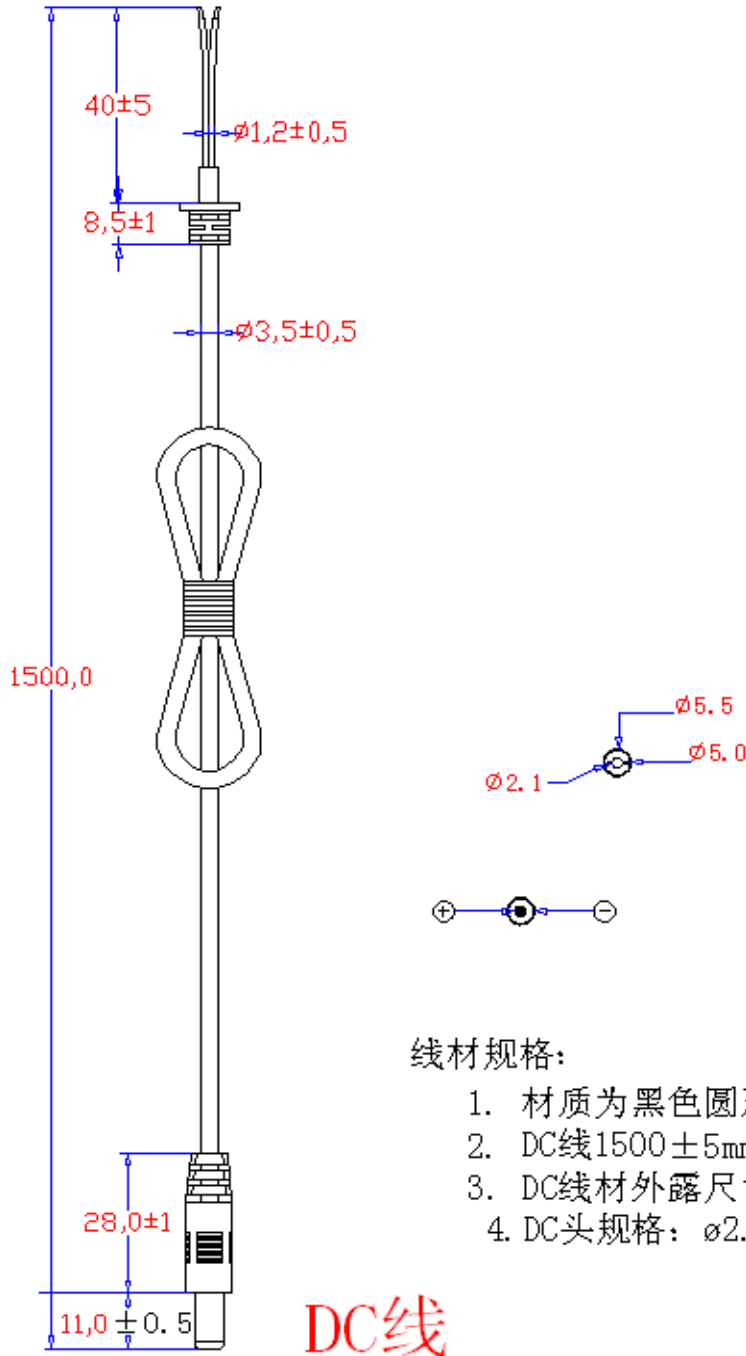
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8、线材/CORD:



线材规格:

1. 材质为黑色圆形DC线.
2. DC线1500±5mm.
3. DC线材外露尺寸为1449±5.5mm.
4. DC头规格: Ø2.1音叉, 分为内: “正”外“负”.

DC线



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9、铭牌/LABEL:



35.5*29.5

注:

- 1.材质商标: 黑底白字;
- 2.标签尺寸 L35.5*W29.5*H0.2 (mm);
- 3.长宽误差为±1mm, 厚度的误差为+0.1mm..



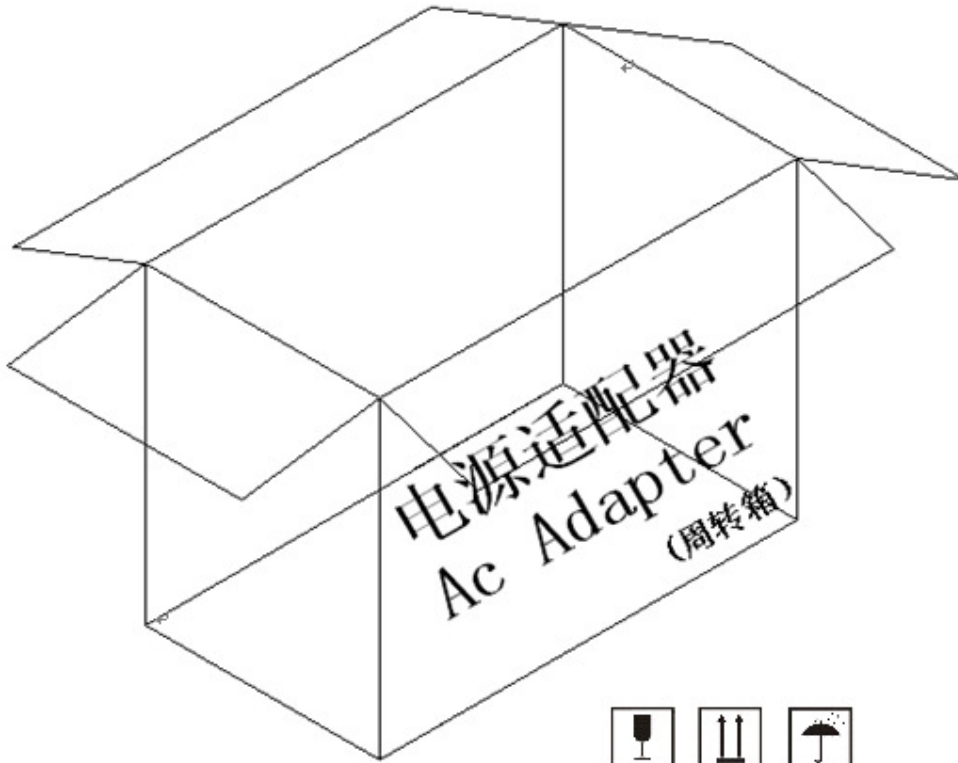
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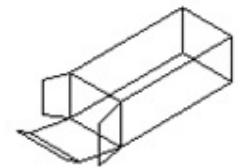
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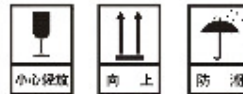
10、包装说明/PACKING:



合格证书



小彩盒



外箱标示

外盒

注:

1. 每个产品用小彩盒包装;
2. 每箱放置产品120台,分6层,每层20台;
3. 尺寸:
 小包装盒: 150*67*53mm;
 外盒: 560*315*420mm.
4. 包装盒的尺寸公差±2mm.