



型号/Our model/ **HX08-1201(219)**

客户/Customer:

日期/Date:2012-10-23

样品编号/SAMPLE No:

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1、描述/ DESCRIPTION:

本规格书适应于 HX08-1201 (219) 12W 型号的开关电源.

This specification is adapted to the HX08-1201 (219) 12W models of 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 0.31A.

0.31Amps 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℃,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℃ ambient.

2.5AC 漏电流/Ac Leakage Current:

当输入电压 240Vac 时,最大漏电流为 0.25mA.

0.25mA Max.At240Vac input.

3、输出特性/OUTPUT CHARACTERISTICS:

3.1 输出功率/Power output



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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	1A	14.5W	12W

32 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	1A	±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72%。

72% 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:



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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.

5、环境要求/ENVIRONMENTAL REQUIREMET:

5.1 工作温度/Operating Temperature:

0℃-40℃,满载,正常工作.

0℃ to 40℃, Full load, Normal operation.

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

带外壳/With package

5.3 工作湿度/Relative Humidity:

5% (0℃)~90% (40℃), 72 小时, 满载, 正常工作.

5% (0℃)~90% (40℃) 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:3000Vac/5mA/60S for type test.

6.3 缘抗阻/Insulation resistance:

初级对绝次级/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

Please Note

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

In a long time full load burn PCB slight yellowing phenomenon is normal.