

承 认 书

SPECIFICATION FOR APPROVAL

Switching power Supply/开关电源

客 户:

CUSTOMER: ICBANQ

产品描述:

DESCRIPTION: Input:100~240V AC 50/60Hz Output: DC12V3A

机种型号:

OUR MODEL NO: BX-1203000

样品编号:

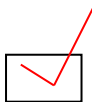
日期:

SAMPLE NO:

DATE: 2022-10-12

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

	型号/Our model:BX-1203000
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	日期/Date:2022-10-12
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版本目录/Rev. List			
版本/Rev.	日期/Date	描述/ Description	制订/Design

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1、描述/ DESCRIPTION: 本规格书适应于 <u>BX-1203000</u> 型号的开关电源. The purpose of the document is to specify the functional requirements of a24W switching power supply. 2、输入特性/INPUT CHARACTERISTICS:100-240V 2.1 输入电压/Input Voltage:AC100V-240V 额定电压/Rated Voltage:100~240Vac 调整范围/Variation Range:90-264Vac 2.2 输入频率/INPUT FREQUENCY: 额定频率/ Rated Frequency: 50/60Hz. 调整频率/Variation Frequency:47-63Hz 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 <u>1.2A</u>. <u>1.2Amps max</u> 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 30A. <u>30 Amps Max.</u> Cold start at 240Vac input, with rated load and 25℃ ambient. 2.5 AC 漏电流/AC LEAKAGE CURRENT 当输入电压 240Vac 时,最大漏电流为 <u>0.25mA</u>. <u>0.25mA Max.</u>At240Vac input.	

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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	0.00A	3A	48W	36W

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	电压范围 Voitage range
12Vdc	0.00A	3A	±3%	11.6V-12.4V

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	200mV 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 3S.

3Second 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 保持时间/Hold up time:

当输入 115Vac 和输出最大负载时,最小保持时间为 5 mS .

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

3.7 效率/Average Effivency

当输入 115/230Vac 时输出 100%Load 75%Load 50%Load 25%Load 负载平均效率最小 88%。适配器满足能效 V6

Average Effivency 88Min, At 115/230Vac input and output 100%Load 75%Load 50%Load 25%Load Adapter meet effcicncy Level VI

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4、保护功能/PROTECTION FUNCTION: 4.1 短路测试/Short circuit test: 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. 4.3 过压保护/Over Voltage Protection: 当输出电压超过额定电压的 120%~170%时,电源将保护,故障排除后能恢复正常工作. The power supply will auto recovered when faults remove 120%~170%. 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	

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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: 插墙式跌落高度为 1 米、桌面式跌落高度为 760mm; 1M for wallmount type and 760mm for desktop type as above described. 测试台面是厚 13mm 的夹木板, 离地面高 19-20mm The horizontal surface consists of hardwood at least 13mm thick, mounted on two layers of plywood each 19mm to 20mm thick,all supported on a concrete or equivalent non-resilient floor. 6、安全要求/SAFETY REQUIREMENT: 6.1 安全:符合标准 UL/CUL-(UL60950-1),TUV/GS-(EN60950-1),CCC-(GB4943) , PSE-(J60950-1), Safety: accord with UL/CUL-(UL60950-1),TUV/GS-(EN60950-1),CCC-(GB4943) , PSE-(J60950-1), 6.2 高压/DIELECTRIC STRENGTH Hi-Pot: 初级对次级/Primary to secondary:<u>3750</u>Vac10mA/3S for type test. 6.3 绝缘抗阻/ Insulation resistance: 初级对次级/Primary to secondary:10MΩ min at 500V DC. 6.4 EMI 标准/EMI STANDARD Meets the Limits of/测试符合 <1>.Fcc part15 class B rules <2>.EN55022 class B rules <3>.GB9254-1998,GB17625.1-2003	

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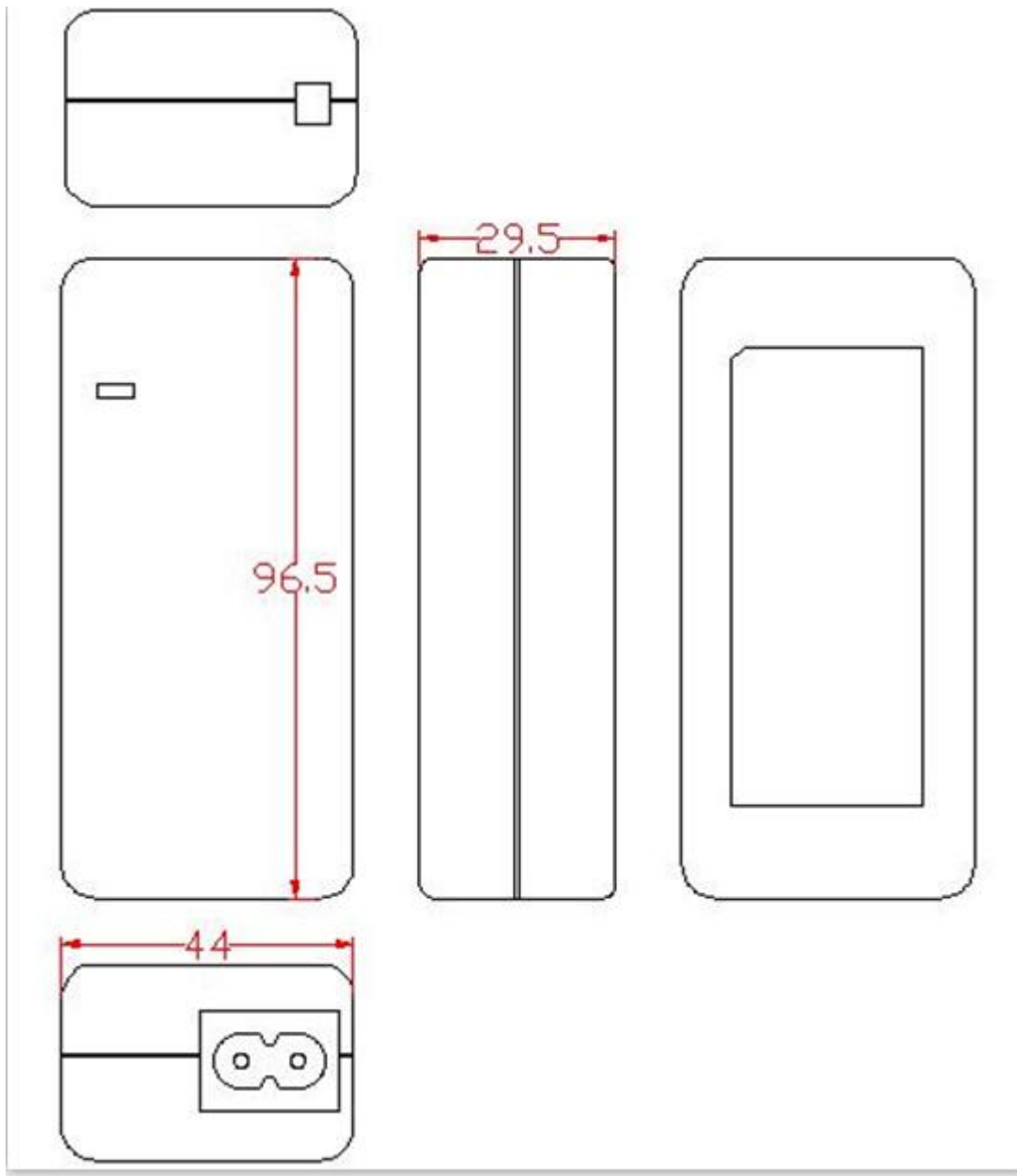
样品编号/SAMPLE No:

7、 结构参数/MECHANICAL REQUIREMENT:

7.1 外壳/Enclosure:

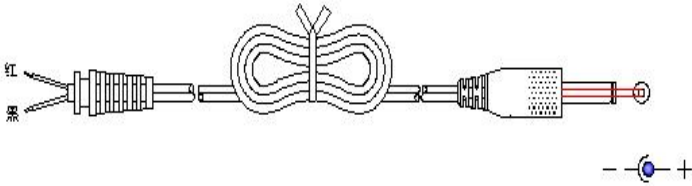
外壳尺寸: L44 x W29.5 x H96.5mm;

The power supply size: L44 x W29.5 x H96.5mm;



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8、线材/CORD:



L=1.2M 2464 22#5.5*2.1*10mm 音叉 直头

型号/Our model:BX-1203000

客户/Customer: ICBANQ

日期/Date:2019-05-05

样品编号/SAMPLE No:

10、包装说明/PACKING:

10个/排*10排=100个

