

承 认 书

SPECIFICATION FOR APPROVAL

客 户 CUSTOMER: KU-220928-002365

客户型号 CUSTOMER P/N: _____

公司型号 OUR MODEL NO: AED10C-0502000VLSU0

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陈焱生	韩冬冬	罗小仔

东莞市冠擎电子有限公司

Dongguan Guan Qing Electrical CO., LTD.

广东省东莞市常平镇白石岗村富士通科技园 B 栋 3/4 楼

3/4 Floor, Building B, Fujitsu Park, Baishigang Village

Changping Town, Dongguan City, Guangdong, PRC

电话(Tel): +86-0769-8265-0958

传真(Fax): +86-769-8265-0959

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1、SCOPE

The document detail the electrical, mechanical and environmental specifications of a LED POWER, the power supply provide 10W continuous output power.

资料详细描述了一款 10W(连续输出功率)开关电源的电气性,结构性及环境等要求.

The power supply shall meet the RoHS requirement.

此款电源符合 RoHS 要求.

1.1 Description

- SMPS Adaptor (Wall mount)/插墙式适配器
- SMPS Adaptor (Desk-top)/桌面型适配器
- Open Frame/开放式结构
- SMPS Unit (With Case)/带铁壳型
- LED Driver/LED 驱动电源
- Others/其他

2、Input Characteristics/输入特性

2.1 Input Voltage & Frequency/输入电压与频率

The range of input voltage is from 100Vac to 240Vac single phase.

输入电压范围: 从 100Vac 到 240Vac, 单相输入.

	Minimum/最小	Normal/额定值	Maximum/最大
Input Voltage/输入电压	90Vac	100Vac~240Vac	264Vac
Input Frequency/输入频率	47Hz	60Hz/50Hz	63Hz

2.2 Input AC Current/AC 输入电流

0.5Amax. @ 100Vac input voltage and full load.

2.3 Inrush Current (Cold Start)/浪涌电流(冷启动)

50Amax. @ 230Vac input at 25°C/在 25°C 输入电压为 230Vac 时浪涌电流 50A 最大

2.4 Power Factor/功率因数

2.5 Efficiency (Normal)/效率(额定输入)

73% min. @ 115Vac input & Full load/115Vac 输入与满载时, 最小效率为 73%

73% min. @ 230Vac input & Full load/230Vac 输入与满载时, 最小效率为 73%

2.6 Average Efficiency / 平均效率:

While input 115Vac and 230Vac, the average efficiency is more than 73%. The test point is at 25%, 50%, 75% and 100% load after 30 min warm up at max load. must comply with CEC requirements. level 73%

在输入 115Vac 和 230Vac 条件下, 平均效率不小于 73%, 测试点分别是满载的 25%, 50%, 75% 和 100%. 测试要求电源满载预热 30 分钟测试. 必需符合 CEC level /要求.

2.7 No-Load input power dissipation /输入空载功率损耗

While input 115Vac 60HZ/230Vac 50Hz and the output is no load, the input power loss must be less than 0.1W/在输入 115Vac 60HZ/230Vac 50Hz 条件时, 输入空载损耗小于 0.1W.

3、Output Characteristics/输出特性

3.1 Static Output Characteristics <Vo & >/静态输出特性

5、Environment Requirements/环境要求

5.1 Operating Temperature and Relative Humidity/操作温/湿度要求

0to +40°C

10%RH to 90%RH

5.2 Storage Temperature and Relative Humidity/存储温/湿度要求

-25°C to +85°C

10%RH to 100%RH non-condensing @ Sea level shall be low 2000 feet/低于 2000 英尺

5.3 Vibration/振动

10 to 300Hz sweep at a constant acceleration of 1.0G(Breadth:3.5mm) for 1 Hour for Each of the perpendicular axes X, Y, Z.

扫描频率:10 到 300Hz, 加速度:1.0G(位移:3.5mm), X, Y, Z 三垂直坐标轴各振动 1 小时.

5.4 Waterproof lever/防水等级

IP20

6、Reliability Requirements/可靠性要求

6.1 Burn-in/老化

The power supply shall be burn-in for 4 Hours under normal input and full load at 40°C ±5°C.

产品至少要在 40°C ±5°C 的环境及额定输入与满载条件下煲机 4 小时.

6.2 MTBF Qualification/平均间隔故障时间估算

The MTBF shall be at least 30,000 hours at 25°C, Full load and normal input condition.

平均间隔故障时间:至少 30,000 小时, 25°C 环境及额定输入与满载条件下

7、EMI/EMS Standards/EMI/EMS 标准

7.1 EMI Standards/EMI 标准

EN55032/EN55015

7.2 EMS Standards/EMS 标准

.....

8、Safety Standards/安规标准

8.1 .Dielectric Strength(Hi-pot)/介电耐压强度(高压)

Primary to Secondary: 3000VAC 5mA Max / 60 seconds(3 seconds for production)

初级对次级:3000VAC 5mA Max / 60 秒(生产时高压测试时间: 3 秒)

8.2. Grounded Resistance/接地电阻

8.3 Leakage Current/漏电流

3.5mA max @ 120Vac/60HZ

8.4. Insulation Resistance/绝缘阻抗

10MΩ min. at primary to secondary add 500Vdc Test voltage

在初级与次级间加 500VDC 进行测试

MANUFACTURER
承制方

东莞市冠擎电子有限公司

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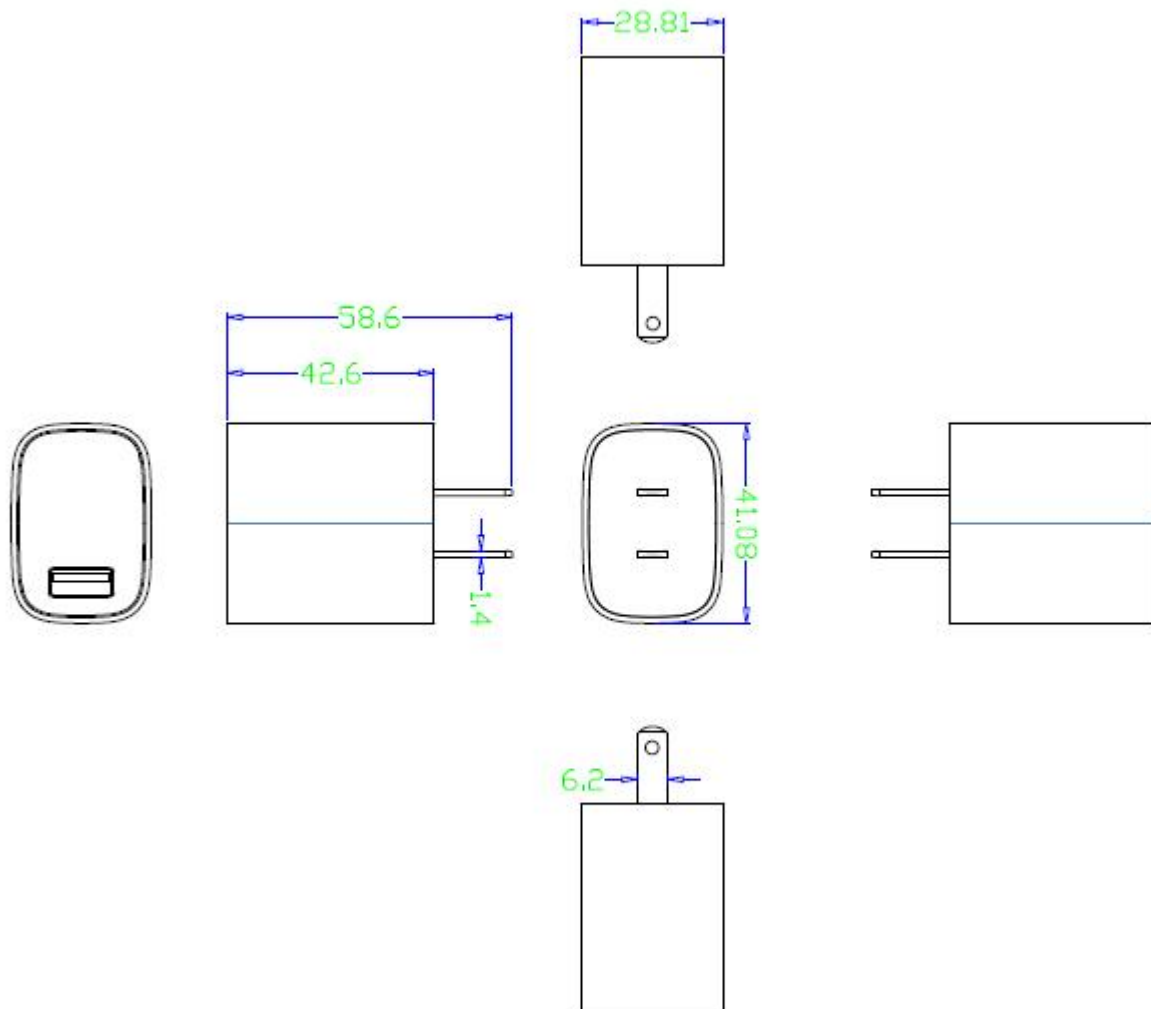
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8.5. Regulatory Standards/安规标准

Type/安规	Country/国家	Standard/标准	State/状况	
ETL	美国	UL1310	符合	



9 外观图/OUTLOOK DRAWING



要求： 1..美规黑色 USB 胶壳

10 铭牌 LABEL

AEDpower Class 2 Power Supply **CAUTION**
MODEL NO.:AED10C-0502000VLSU0 Risk of Electrical shock
INPUT:100-240V ~ 50/60Hz 0.5A Suitable for Dry Location
OUTPUT: 5V \equiv Max.2A

  ta:40°C **ATTENTION**
C **US** Convient Aux Emplacements Secs
Risque de chocs electriques

Date code:22 14 For LED modules use
Intertek CONFORMS TO UL STD.1310
5009611 CERTIFIED TO CSA STD. C22.2 No.223
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