

1.2.1.输入:	100-240VAC 50/60Hz
输出:	3-48VDC 功率 3-200W
1.2.2.功能特性:	短路保护、过载保护、防雷击 符合 RoHS&WEEE 环保、CEC 节能指令 符合 EMC、FCC 电磁兼容
1.2.3.环境条件	使用 -20~+45°C、10-90%RH 储存 -40~+75°C、10-90%RH
1.2.4.标准:	UL1012/UL1310/UL60950/FCC PART15 EN60950/EN60335/EN55014/EN55022

Part name/产品名: Switching Power Supply 开关电源	Model No./ 型号:
Design No. 设计编号:	Customer Code 客户代码:
Customer Product No. 客户产品编号:	Date/日期 :

SCOPE/描述:

This document details the electrical, mechanical and environmental , it is a Switching Power Supply of **0-48V; 0-15A ; 200Watts** output, when **100V~240 VAC** input,
本文明确了产品的电性规格,机械尺寸,环境条件,该产品输入电压范围 **100V~240 VAC**,输出电压为:**0-48V; 0-15A ; 200** 瓦的开关电源

1.Electrical Characteristics/电器特性:


Items/项目	Specification/规格	Remarks/备注
Input/输入:		
Input rated voltage /输入额定电压	100-240 VAC	
Input rated frequency/输入额定频率	50/60 Hz	
Input range current /输入额定电流	1.5A MAX (最大)	At 100VAC/60Hz,在 100VAC/60Hz 情况下
Efficiency/效率	80 % MIN (最小)	At full load and within input rated voltage 在满载和额定输入情况下
Input protection/输入保护:	Rated Fuse 3.15A/250 VAC 保险丝额定值 3.15A/250 VAC	Approval by 有认证

Output/输出:

Output voltage / 输出电压	0-48V ± 5% VDC	No load/空载
	0-48V ± 5% VDC	Full load/满载
Output current/输出电流	0-15A	Maximum loading current 最大负载电流

Output protection/输出保护:

Over current 过载保护	No odor, smoke, fire, plastic deformation, and excessive heat happen. 无气味, 冒烟, 冒火, 塑胶变形, 过热.	The products are out of working when over current. 过载时, 产品不工作。
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Short-circuit 短路	No odor, smoke, fire, plastic deformation, and excessive heat happen. 无气味, 冒烟, 冒火, 塑胶变形, 过热.	Short-circuit output for 1 minute. 输出短路 1 分钟.
Safety Standard/安规标准		
<input checked="" type="checkbox"/> UL/CUL <input checked="" type="checkbox"/> CSA <input checked="" type="checkbox"/> PSE <input checked="" type="checkbox"/> GS <input checked="" type="checkbox"/> CE GS mark is accredited by TUV <input type="checkbox"/> CB <input type="checkbox"/> BS <input checked="" type="checkbox"/> SAA <input type="checkbox"/> CCC <input checked="" type="checkbox"/> K-Mark <input type="checkbox"/> PSB		
EMC Standard/电磁兼容:		
<input type="checkbox"/> FCC <input type="checkbox"/> C-Tick <input type="checkbox"/> VCCI <input type="checkbox"/> BSMI <input type="checkbox"/> CE/ EMC		
Others/其他:		
Hi-pot Test (Primary to Secondary) 高压测试(初级对次级)	1500VAC/10mA/1 minute	The voltage applied to the insulation under test is gradually raised from zero to the prescribed voltage and held at that value for 60 S . 测试电压是逐渐从 0 上调至规定的电压值并保持 60 秒.
RELIABILITY/可靠度:		
Burn-In/烧机: 100% burn-in test at 80-100% of full rated load at 35-40°C burn-in room, input voltage 220 VAC , 48 hrs test for samples, 24 hrs test for pilot run samples 4 hrs test for mass production. 100%烧机测试在负载为 80-100%状况, 烧机房温度为 35-40°C, 输入电压为 220 VAC ; 工程样品测试时间为 48 小时, 导航样品为 24 小时, 批量产品为 4 小时。		
Temperature rise/ 温升: In environmental temperature at 25 degrees. The maximum temperature rise measured at any point on the enclosure surface shall not exceed 50 degrees in closed carton chamber and no air flow. 在环境温度为 25 度下, 外壳表面任意一点它的最高温升不超过 50 度, 实验品是置于封闭的空气不流通的容器中进行。		
2.Mechanical Characteristics/机械特性:		
Items/项目	Specification/规格	Remarks/备注
Dimension/尺寸	116*63*38mm only FYI	Length*Width*Height/长*宽*高
Case Material/外壳材料	PC,PC+ABS, or equivalent	Desk top/桌上型
Input Plug/输入插头	18AWG SPT-2 105°C 2PIN UL POLARITY BLADE / 1200 ± 100mm	
Output Cord/输出线	18AWG SPT-1 105°C / 1500±100mm	DC PLUG/ USB JACK
Connector polarity/连接器极性		5.5*2.1*11 mm only FYI
Color/颜色	Black	Fine texture/颜色均匀无色差。
Drop test/跌落试验	One time Per side, at one meter. 1 米一次, 每个面。 After test, unit is not broken, disassembled, or damaged to access hazardous parts. 测试后, 产品不可以损坏, 裂开或者可以触到危险部件。	
3.Environmental Characteristics/环境特性:		
Storage temperature/存储温度	-20 to +60 degrees centigrade(摄氏度)	
Operating temperature/操作温度	0 to +40 degrees centigrade. (摄氏度)	
Storage RH range/相对存储湿度	5 to 95%	RH: Relative humidity/相对湿度
Operating RH range/相对操作湿度	20 to 85%	
Approved by: 核准	Checked by: 审核	Prepared by: 制作