

High PF Constant Voltage Waterproof LED Power Supply



Features:

- The output voltage is constant. 输出电压是恒定的。
- Input voltage:100-265VAC. 输入电压:100 - 265 VAC
- Using active built-in PFC techology. 采用有源内置PFC技术。
- Efficiency>85% PF>0.95. 效率> 85% PF > 0.95。
- Protection:SCP/OVP.
- Aluminum case waterproof. 材质铝壳 防水
- Easy to install. 易于安装
- Nature cooling.
- CE/ROHS/SAA/TUV passed.
- 5 Years warranty.

Specification Sheet

Order code 型号	CV	MSD-MV060		
Output输出	Output Voltage输出电压	12V	24V	36V
	Voltage Precision电压精度	±0.5V		
	Output Current输出电流	5A	2.5A	1.6A
	Output Power输出功率	60W		
	Line Regulation电源调整率	1%		
Input输入	Input Voltage Range输入电压	100-265V/AC(standard) 90VAC(min)305V/AC(max)		
	AC Current(Typ)输入电流	0.64A@110VAC 0.32A@220VAC		
	Frequency Range频率范围	50/60Hz		
	Inrush current(typ)侵入电流	COLD START 9A(twidth=50µs measured@50% Ipeak)@230V		
	PFC(Typ)功率	>0.95@full load		
	Full-loading Efficiency效率	>85%	>88%	
Protection保护	Short Circuit短路保护	Short circuit protection / Over voltage protection		
	Over Voltage过压保护	<305VAC		
Environment环境	Operation Temperature工作温度	-40~+50℃		
	Operation Humidity工作湿度	20~90%		
	Storage 存储温度	-40~ +85℃, 10~95%RH		
	Temperature Coefficient温度系数	±0.03%/℃(-45~50℃)		
	Vibration Resistance抗振系数	10~500HZ,2G 10Min/period,X、Y、Z line per 60 mins		
Safety&EMC 安规与电磁兼容	Standard标准	Refer to EN 61347-1;EN 61347-2-13; EN 62493		
	Withstand Voltage耐压	I/P-O/P:3.75KVAC		
	Insulating Strength绝缘	I/P-O/P:400M Ω/500 VDC/25℃/70%RH		
	EMC Emission辐射干扰	To Correspond EN55015,EN61000-3-2(≧50% load)		
	EMC Immunity电磁兼容	To Correspond EN55015,EX61000-4-2,3,4,5,6,8,11,A Level of light industry standard(Surge 4KV)		
Other其他	Weight重量	600g		
	Dimension尺寸	163*56*35mm (L*W*H)		
	PCB	94V-0 PC fire retardant		
	Color颜色	Dark Grey		
	Packing装箱	44*28*18cm/24pcs		

NOTE注意事项

All parameters are measured at normal temperture(25-28℃)

1、Ripple & Noise are measured at 20KHz of bandwidth by using a 12" twisted pair-wire teminated with a 0.1 uf & 47uf parallel capacitor(@ full load).

2、The efficiency measured at Max output voltage,and 230VAC with full load,if with 110VAC the efficiency will be lowered 0.5%~1.5%;Working 1~2 hours,efficiency will be higher 1.5%~1%than the initial stage.

series

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1. Mechanical Specification

