



Bright Star Lighting Co.,Ltd

MSD-CC-120W series

High PF Constant Current Waterproof LED Power Supply



Features特征:

- The output current is constant.输出模式: 恒流
- Input voltage:100-277VAC.输入电压: 100-277VAC
- Using active built-in PFC techology.采用PFC技术
- Efficiency>90% PF>0.96.效率>90%功率因素PF>0.96
- Protection:SCP/OVP.短路保护 过压保护
- Aluminum case waterproof IP67.防水铝外壳IP67等级
- Easy to install,Nature cooling.自然冷却.容易安装
- Can be customized 可定制
- CE/ROHS/SAA/TUV passed.CE/ROHS/SAA/TUV认证
- 5 Years warranty.5年质保

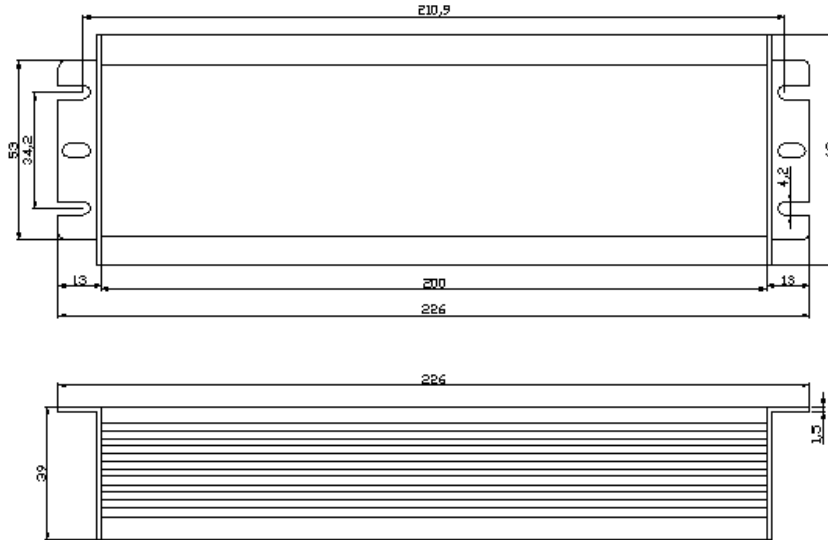
规格书Specification Sheet

名称Model	恒流源CC	MSD-CC-120W		
输出 Output	输出电流Output Current	1500mA	2400mA	3000mA
	电流精度 Current Precision	±5%		
	输出电压 Output Voltage	48-60V	40-50V	27-40V
	输出功率 Output Power	120W		
	线性调整率Line Regulation	1%		
输入 Input	输入电压 Input Voltage Range	100-277V/AC(standard) 85VAC(min)305V/AC(max)		
	输入电流 AC Current(Typ)	1.331A@100VAC 1.212A@110VAC 0.587A@230VAC 0.503A@264VAC		
	频率 Frequency Range	47-63Hz		
	功率因数 PFC(Typ)	>0.96@full load		
	效率 Full-loading Efficiency	>90%@full load		
异常保护 Protection	保护类型 Short Circuit	Short circuit protection / Over voltage protection		
	最大输入电压Over Voltage	<305VAC		
使用环境 Environment	工作温度Operation Temperature	-40~+60℃		
	工作湿度Operation Humidity	20~90%		
	存储 Storage	-40~ +85℃, 10~95%RH		
	温度系数Temperature Coefficient	±0.03%/℃(-45~50℃)		
	抗震能力Vibration Resistance	10~500HZ,2G 10Min/period,X、Y、Z line per 60 mins		
安规与电磁兼容 Safety&EMC	标准 Standard	Refer to EN 61347-1;EN 61347-2-13; EN 62493		
	耐压 Withstand Voltage	I/P-O/P:3.75KVAC		
	绝缘强度Insulating Strength	I/P-O/P:400M Ω/500 VDC/25℃/70%RH		
	传导 EMC Emission	To Correspond EN55015,EN61000-3-2(≥50% load)		
	辐射 EMC Immunity	To Correspond EN55015,EX61000-4-2,3,4,5,6,8,11,A Level of light industry standard(Surge 4KV)		
其他Other	重量Weight	1100g		
	尺寸Dimension	226*68*39mm (L*W*H)		
	PCB材质	94V-0 PC fire retardant		
	颜色Color	Dark Grey		
	包装Packing	44*28*18cm/15pcs		

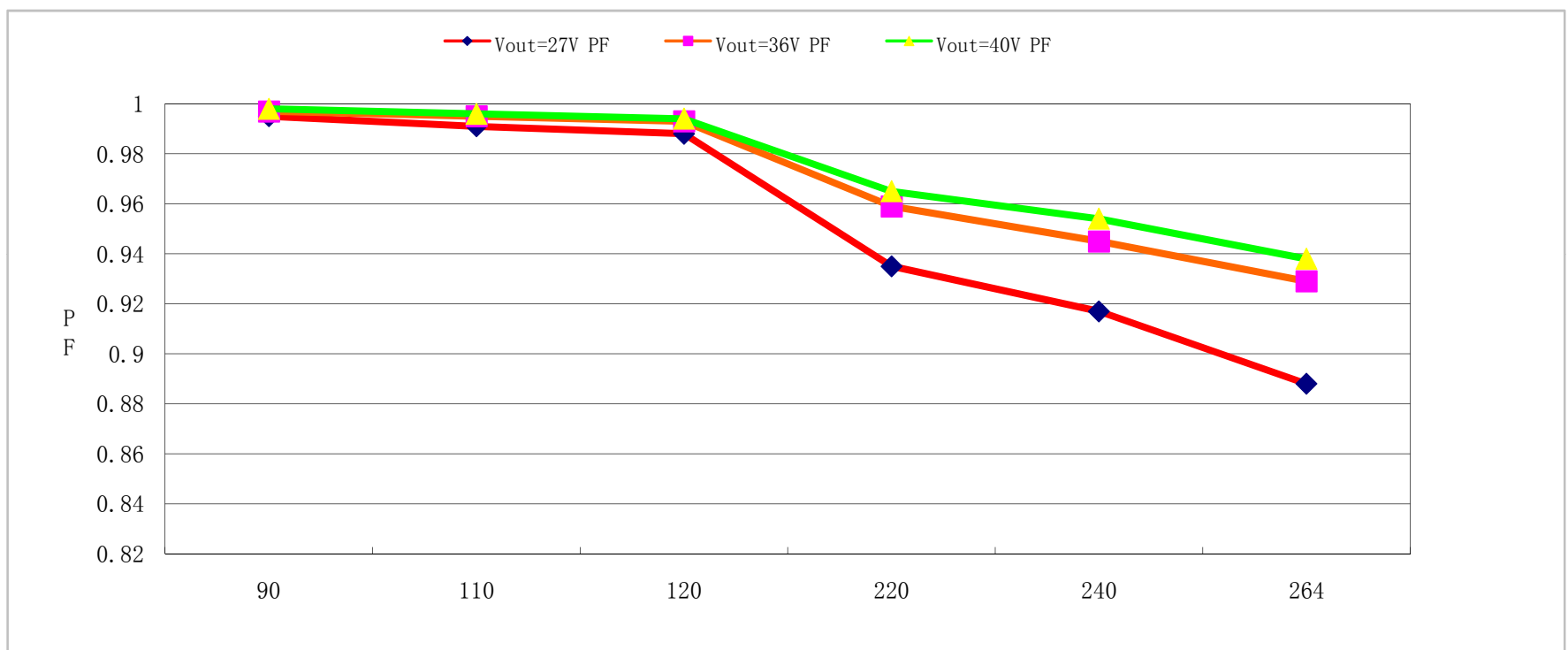
NOTE  
 All parameters are measured at normal temperture(25-28℃)  
 1、Ripple & Noise are measured at 20KHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uf & 47uf parallel capacitor(@ full load).  
 2、The efficiency measured at Max output voltage,and 230VAC with full load,if with 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.

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1.Mechanical Specification



2.Power Factor Characteristics



3.Efficiency & Load of (110VAC / 230VAC)

