



Bright Star Lighting Co.,Ltd

MSD-0/10V-CC-60W series

Constant current 0-10V dimmable LED driver



Features特征:

- The output current is constant;输出模式: 恒流;
- 0/1-10V/PWM/potentionmeter comptabile;0/1-10V/PWM/电阻兼容;
- Using active built-in PFC techology;采用PFC技术;
- Efficiency>87% PF>0.95;效率>87%功率因素PF>0.95;
- Protection:SCP/OVP;短路保护 过压保护;
- Fireproof plastic case;塑料防火外壳;
- Easy to install;容易安装;
- Noise free, flicker free by eyes or cameras;无噪音, 无频闪;
- CE/ROHS/SAATUV passed;CE/ROHS/SAATUV认证;
- Hipot \geq 3750V, Surge:L-N \geq 1000V 过高压3750V测试, 浪涌 \geq 1000V
- 5 Years warranty.5年质保。

规格书Specification Sheet

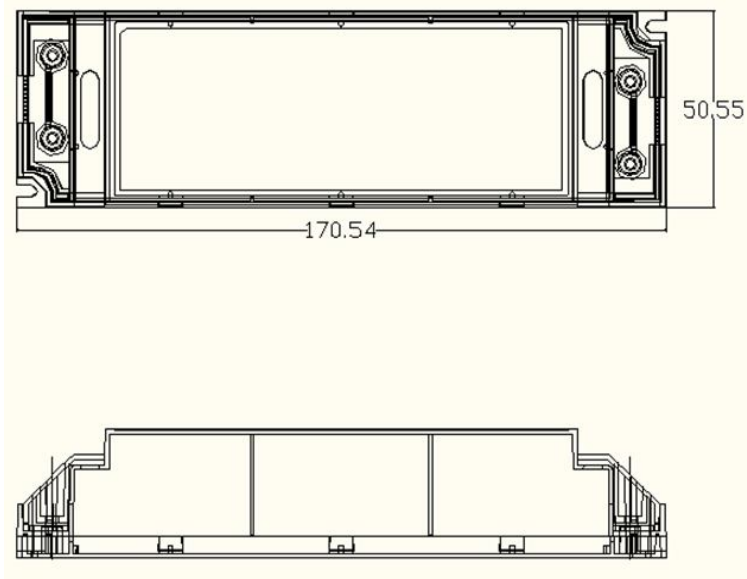
名称Model	CC输出	MSD-0/10V-CC-60W		
输出 Output	输出电流 Output current	680mA/DC	1200mA/DC	1100mA/DC
	恒流精度 Current precision	±5%		
	输出电压 Output voltage	60-80V/DC	27-42V/DC	40-50V/DC
	输出功率 Output Power	55W max		
输入 Input	输入电压 Input Voltage Range	100-277V/AC(standard) 85VAC(min)305V/AC(max)		
	输入电流 AC Current(Typ)	0.63A@100VAC 0.57A@110VAC 0.28A@220VAC 0.24A@264VAC		
	频率 Frequency Range	47-63Hz		
	功率因数	PF>0.95@220V		
	效率 Full-loading Efficiency	>87%@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	-20—+45℃		
	工作湿度Operation Humidity	20-90%		
	存储 Storage	-40—+85℃, 10-95%RH		
	温度系数Temperature Coefficient	±0.03%/℃(0~50℃)		
	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 Correspomd EN55015,EX61000-4-2,3,4,5,6,8,11,A Level of light industry standard(Surge 4KV)		
其他Other	重量Weight	250g		
	尺寸Dimension	172*51*33mm (L*W*H)		
	材质Material	94V-0 PC fire retardant		
	颜色Color	white		
	包装Packing	31*17*18cm/27pcs		

NOTE

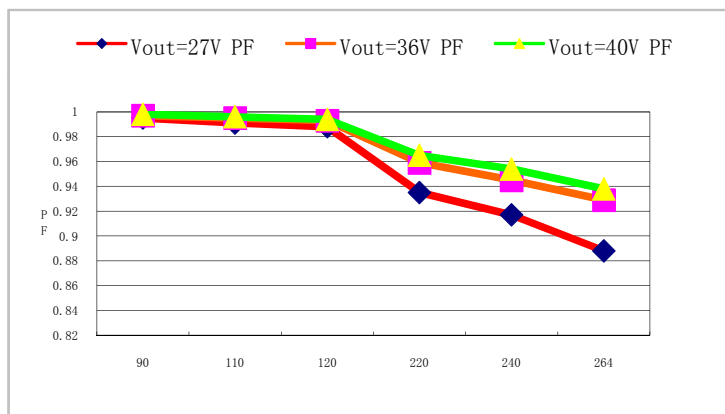
All parameters are measured at normal temperture(25-28℃)
 1、Ripple & Noise are measured at 20KHz of bandwidth by using a 12" twisted pair-wire teminated with a 0.1 uf & 47uf parallel capacitor(@ full load).
 2、The efficiency measured at Max output voltage,and 230VAC with full load,if with 110VAC the efficiency will be lowered 0.5%~1.5%;Working 1~2 hours,efficiency will be higher 1.5%~1%than the initial stage.

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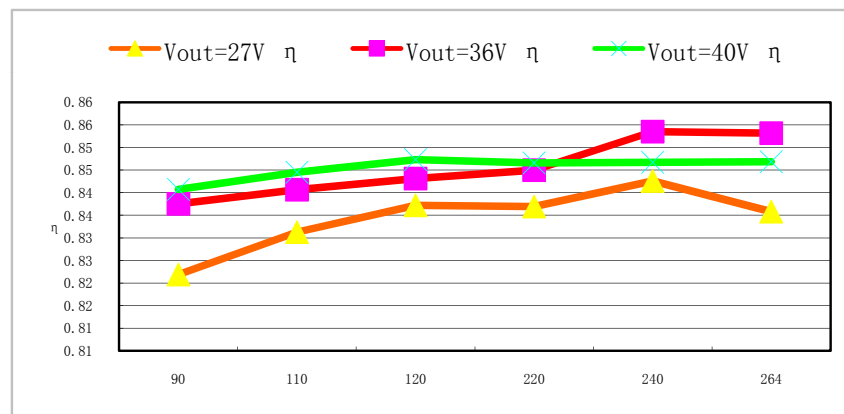
1.Mechanical Specification



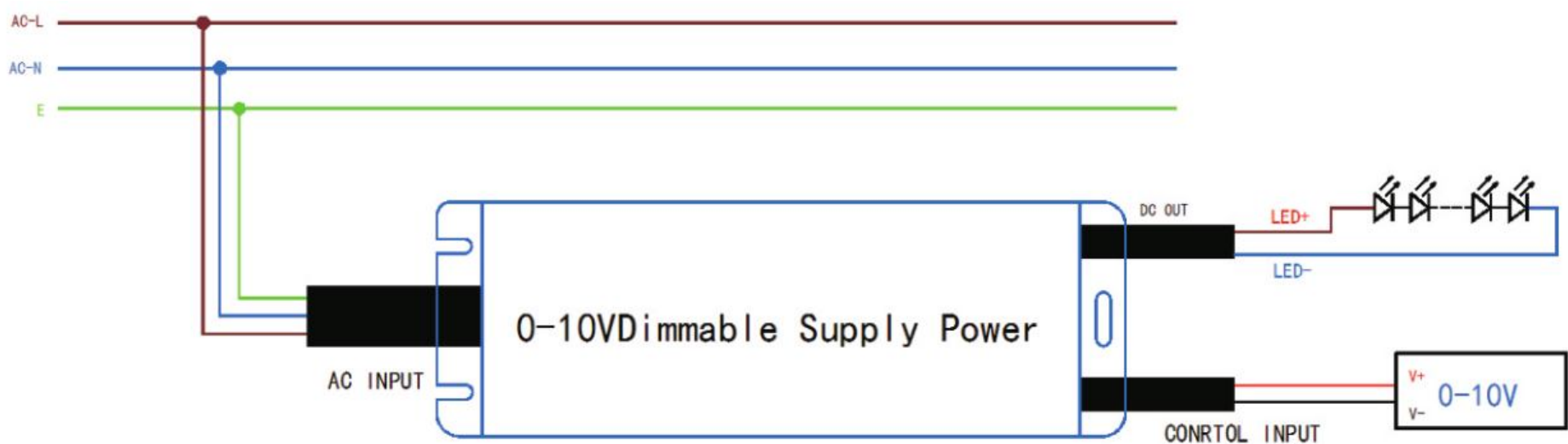
2.Power Factor Characteristics



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



4.0/1-10V dimming Diagram



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