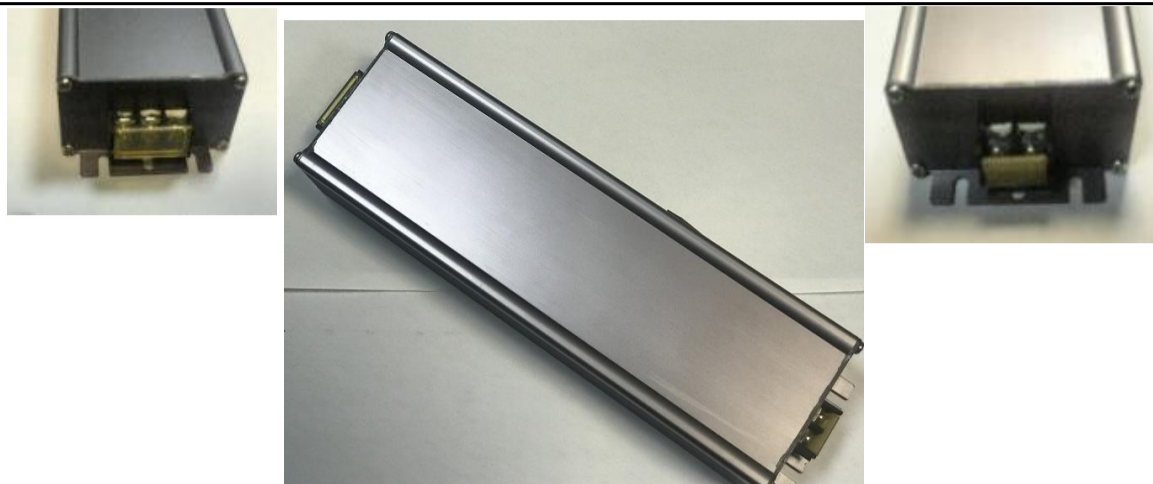


High PF Constant Voltage Waterproof LED Power Supply



Features特征:

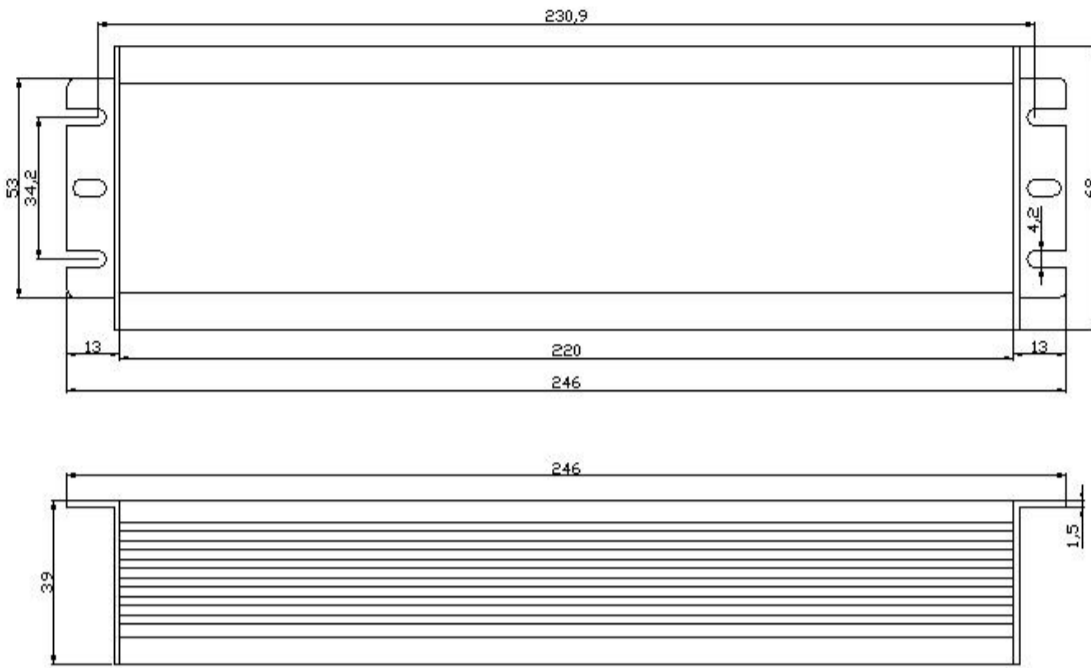
- The output voltage is constant
- **Input voltage:480vAC single phase.**
- Using active built-in PFC technology.
- Efficiency>90% PF>0.98
- Protection:SCP/OVP.
- Aluminum case with terminals for input/output side
- Easy to install.
- Nature cooling.
- **CE/ROHS/UL passed**
- 5 Years warranty.

规格书Specification Sheet

名称Model	恒压源Constant voltage	PS-180w-C- 480vA
输出 Output	输出电压 Output Voltage	36V
	恒压精度 Voltage Precision	±5%
	输出电流 Output Current	5A
	输出功率 Output Power	180W
	线性调整率Line Regulation	1%
输入 Input	输入电压 Input Voltage Range	Input voltage:480vAC single phase.
	输入电流 AC Current(Typ)	<u>0.4A@480VAC</u>
	频率 Frequency Range	47-63Hz
	功率因数 PFC(Typ)	>0.90@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	<528VAC
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	1200G
	尺寸Dimension	246*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	<p>All parameters are measured at normal temperture(25-28℃)</p> <p>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).</p> <p>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.</p>	

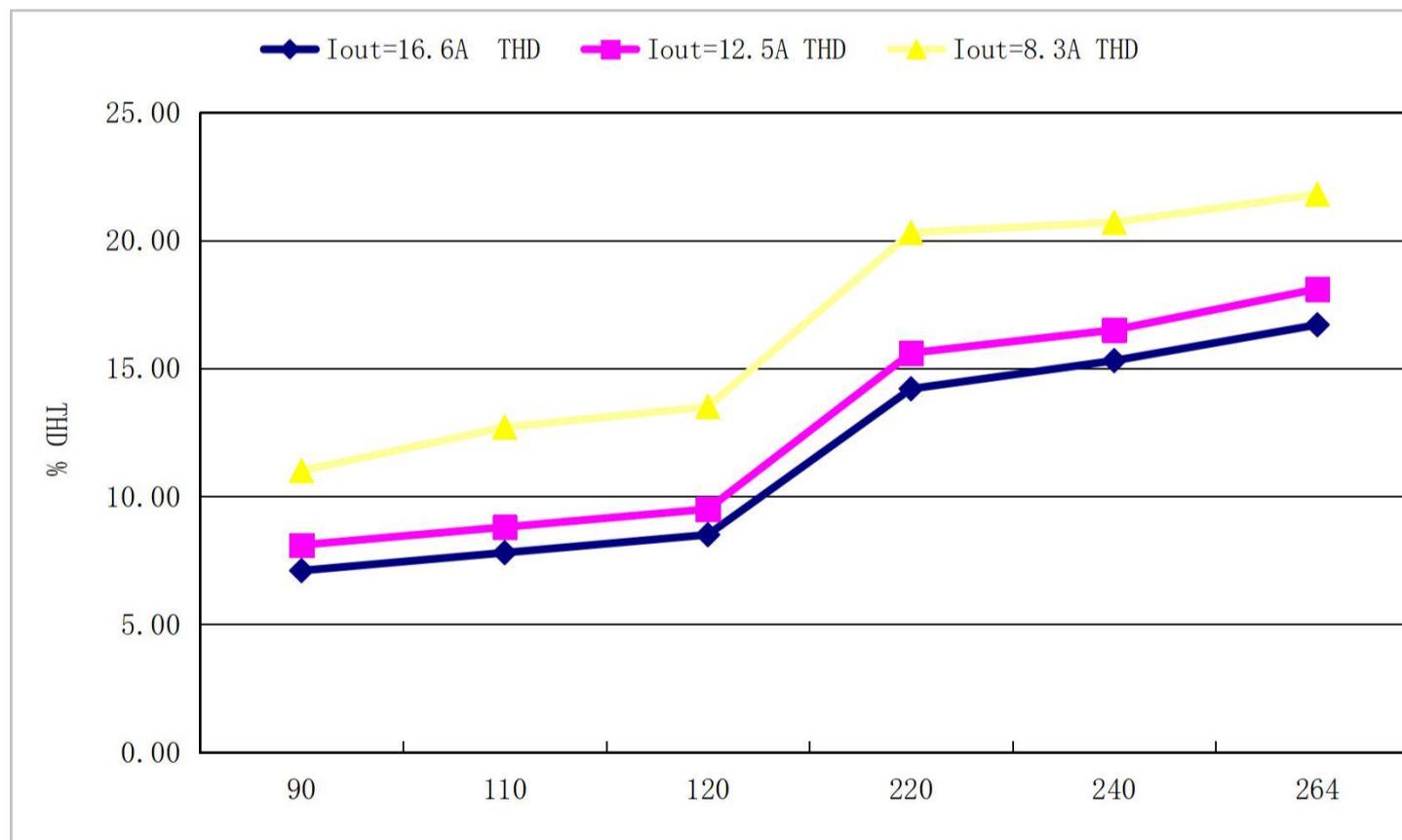
High PF Constant Voltage Waterproof LED Power Supply

1.Mechanical Specification



Web:www.sz-msd.com Tel:+86-755-29510721 Fax:+86-755-29518990

输入电压V	输入电流A	输入功率W	输出电流A	输出电压V	功率因数PF	电源效率 η	THD %
90	2.956	266.2	10	23.8	0.996	88.00	7.10
110	2.442	263.1	10	23.8	0.995	89.00	7.80
120	2.164	260.2	10	23.8	0.994	90.00	8.50
220	1.187	255.3	10	23.8	0.979	90.50	14.20
240	1.082	254.9	10	23.8	0.973	90.80	15.30
264	0.998	254.7	10	23.8	0.966	91.00	16.70
90	2.461	219.7	8.3	23.8	0.995	87.00	8.10
110	2.001	215.9	8.3	23.8	0.99	87.50	8.80
120	1.792	214.8	8.3	23.8	0.993	88.00	9.50
220	0.988	211.4	8.3	23.8	0.973	89.00	15.60
240	0.911	211.1	8.3	23.8	0.967	89.50	16.50
264	0.831	210.9	8.3	23.8	0.957	90.00	18.10
90	1.438	130.4	5	23.8	0.992	86.00	11.00
110	1.182	129.4	5	23.8	0.988	86.50	12.70
120	1.082	129.1	5	23.8	0.986	87.00	13.50
220	0.615	127.9	5	23.8	0.949	88.00	20.30
240	0.572	127.8	5	23.8	0.936	88.50	20.70
264	0.525	128.6	5	23.8	0.919	89.00	21.80



备注
Iout=16.6A PF
Iout=16.6A η
Iout=16.6A THD
Iout=12.5A PF
Iout=12.5A η
Iout=12.5A THD
Iout=8.3A PF
Iout=8.3A η
Iout=8.3A THD

