



**特点**

- \* 外形尺寸: 130×70×36 mm
- \* 宽输入电压范围
- \* APFC、高效率
- \* 铜壳封装

**Features**

- \* Size: 5.12×2.75×1.42 inch
- \* Wide Input Voltage Range
- \* APFC High efficiency
- \* Encapsulation in copper shell

**输入特性(Input)**

注释(Notes and Conditions)

输入电压范围(Input Voltage Range)	90~265Vac	270Vac Max
输入频率(Input Frequency)	40~60Hz	

**输出特性(Output)**

注释(Notes and Conditions)

输出电压标称值 (Output Voltage Nominal)	12.5±0.25V	
输出电压精度(Voltage Set-Point Accuracy)	5%	Vimin-Vimax, 10%-100%Ionom
输出电流标称值 (Output Current Nominal)	12.5A	Vi=160~264Vac
	9A	Vi=90~160Vac
源效应(Line Regulation)	±2%	Vimin~Vimax, Ionom
负载效应(Load Regulation)	±2%	10%~100%Ionom, Vinom
输出过压保护点 (Output Overvoltage Protection)	15~16V	
短路保护(Short-Circuit Protection)	间歇自恢复 (Hiccup, Automatic Recovery)	
断电保持时间 (Hold-up Time)	5ms	
瞬态响应(Dynamic Response)		
过冲幅度(Peak Deviation)	±5%Vo	25%-50%-25% of Ionom
恢复时间(Settling Time)	200µs	and 50%-75%-50% of Ionom
输出纹波及噪声峰峰值 (Output Ripple and Noise)	200mV	20MHz
功率因数 (Power Factor)	≥0.95	

**一般特性(General)**

注释(Notes and Conditions)

温度系数(Temperature Coefficient)	±0.05%/°C	
工作环境温度(Ambient Temperature)	-10~+50°C	
贮存温度(Storage Temperature)	-40~+85°C	
效率 (Efficiency)	88%	
平均故障间隔时间(MTBF)	2×10 <sup>6</sup> h	Bellcore TR-332 (Ta=25°C)
绝缘电压(Isolation Voltage)		
输入与输出( Input-Output)	2000Vac	漏电流≤15mA, 1min
输入与外壳( Input-Case)	1500Vac	漏电流≤15mA, 1min
输出与外壳(Output-Case)	500Vac	漏电流≤15mA, 1min

注: 除非另有说明, 指标一般在标称输入电压、满载和25°C环境温度。

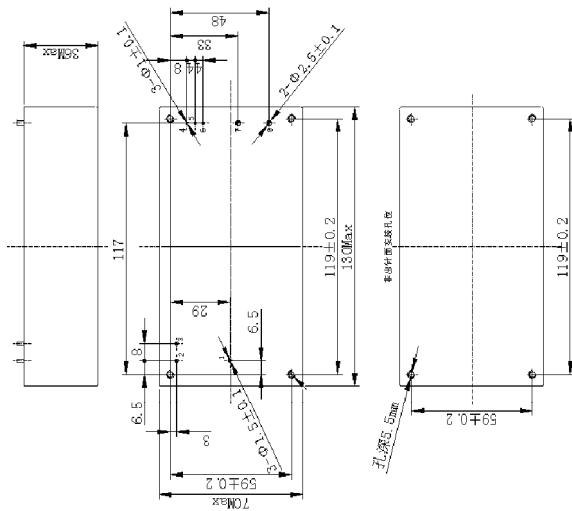
Note: All specifications are typical at nominal input, full load at 25°C, unless otherwise stated.

型号列表(Models)

产品型号 (Model Number)	标称输入电压 (Input Voltage)	标称输出电压 (Output Voltage)	标称负载 (Output Current)	额定输出功率 (Output Power)	效率 (Efficiency)	输出杂音电压峰峰值 (Ripple and Noise)
	Vac	Vdc	Adc	W	%	mVp-p
TP150-220S12G	220	12.5	12.5	156.0	88	100
TP150-220S24G	220	26.5	6	159.0	90	200
TP150-220S48G	220	53.5	3	160.0	92	200

安装尺寸(Mechanical Drawing)

尺寸单位是 mm (inches) ; All Dimensions in mm (inches)

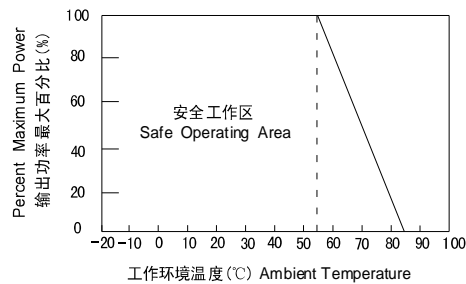
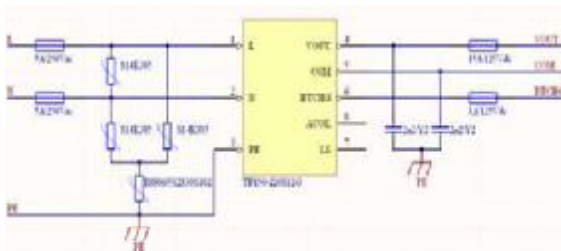


引脚(Pin)	单路(Single)
1	PE
2	L
3	N
4	LS
5	AC OK
6	BTCHG
7	Vout
8	COM

未注公差按下表 (Tolerances Unless Otherwise Specified)	
mm	inches
.x ±0.5	.xx ±0.02
.xx ±0.13	.xxx ±0.005

应用电路推荐(Recommended Application Circuit)

温度降额曲线(Temperature Derating Curve)



使用注意事项 :

- 1) 维修必须由专业人员进行, 断电后2~3min以后方可进行操作.
- 2) 本产品为配套使用电源, 主要用于相应产品机箱内.
- 3) 本产品非医用设备电源, 如无特别说明, 则均不允许使用于医用设备上.