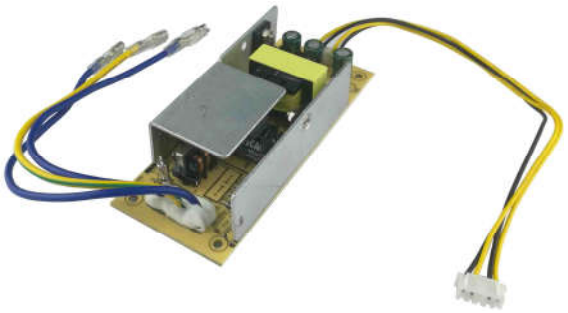
三一精工

POE 内置电源 POE Built-in Power Supply SNT-96W



■ 特性

- 国际通用全范围交流输入
- 过压/过温/过负载保护
- 100%负载老化
- 冷却方式：自冷
- LED 电源指示灯
- 高效率，长寿命和高信赖度
- 可根据用户选型定制

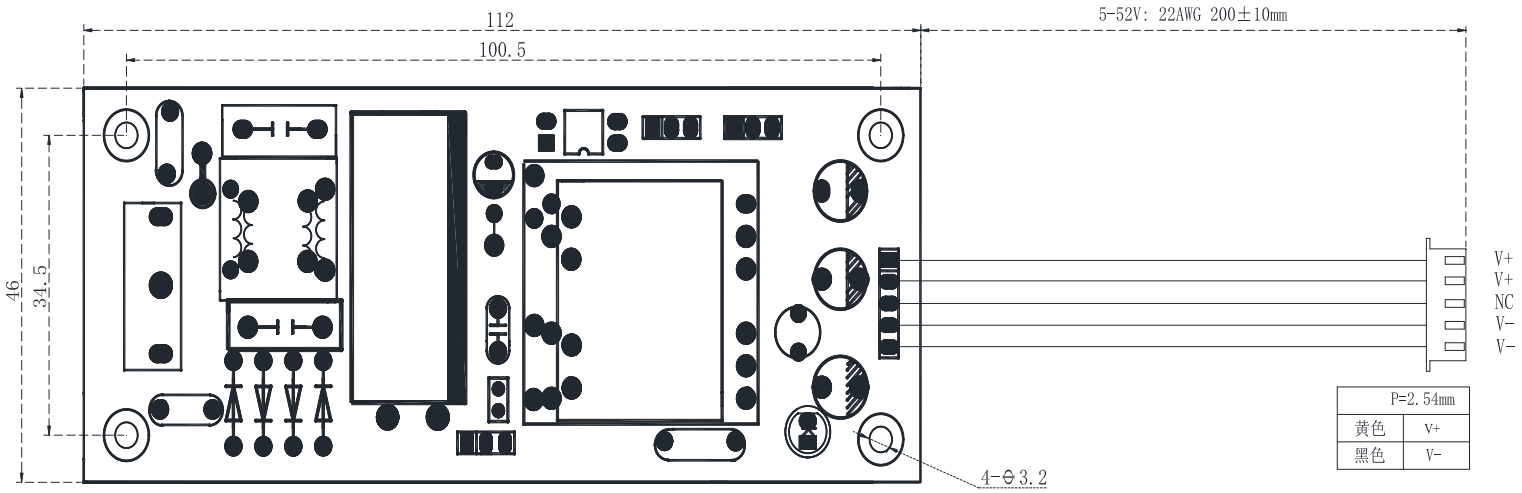
■ Characteristic

- International Universal AC input/ Full range
- Over voltage& temperature & Load Protections
- 100% full load burn-in test
- Cooling: Self-cooling
- LED indicator for power
- High efficiency, long life and high reliability
- Can be customized according to user selection

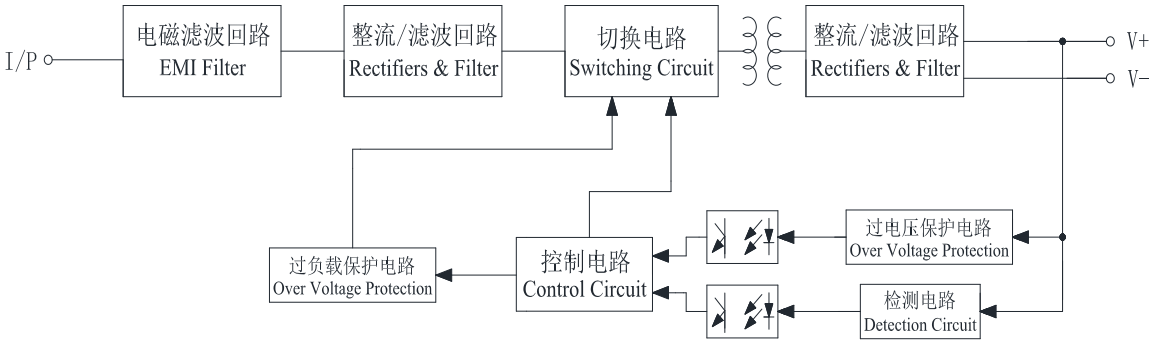
电气规格 SPECIFICATOIN

型号 Model		AD-S05100B	AD-S0980B	AD-S1270B	AD-S1560B	AD-S1850B	AD-S2440B	AD-S4820B	AD-S5218B
输出 Output	直流电压 DC Voltage	5V	9V	12V	15V	18V	24V	48V	52V
	额定电流 Rated Current	10A	8A	7A	6A	5A	4A	2A	1.8A
	电流范围 Current Range	0～10A	0～8A	0～7A	0～6A	0～5A	0～4A	0～2A	0～1.8A
	额定功率 Rated Power	50W	72W	84W	90W	90W	60W	96W	93.6W
	波纹和噪声(最大)备注2Ripple & Noise Max Note	120mVp-p	120mVp-p	120mVp-p	120mVp-p	120mVp-p	120mVp-p	120mVp-p	120mVp-p
	电压精度备注3 Voltage Tolerance Note 3	±5%	±5%	±5%	±5%	±3%	±3%	±3%	±3%
	线性调整率备注4 Line Regulation（Note 4）	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
	负载调整率备注5 Load Regulation（Note 5）	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%
	启动，上升，保持时间 Setup、Rise Time	500ms 200ms 30ms 满载时 Full load							
输入 Input	交流插头 AC plug	AC 插头-UK		AC 插头-CN		AC 插头-EN		AC 插头-US	
	电压范围 Voltage Range	100Vac～240Vac							
	频率范围 Frequency Range	50/60Hz							
	效率最大 Efficiency（Typ.）	80%	80%	84%	83%	84%	82%	82%	82%
	交流电流 Ac Current（Typ.）	0.6A/200Vac							
	浪涌电流最大 Inrush Current（Typ.）	50A/220Vac							
	漏电流最大 Leakage Current（Typ.）	<0.6mA/220Vac							
保护 Protection	过负载 Over Load	额定输出功率的 Rated output power: 110%～240%							
		保护模式：打嗝模式，负载异常条件移除后可自动恢复 Protection type：Hiccup mode，recovers automatically after fault condition is removed							
	过电流 Over Voltage	额定输出电流的 Rated output Voltage:115%～135%							
		保护模式：二极管钳位 Protection mode: diode clamp							
	过温度备注5 Over Temp（Note 5）	晶体内部接点温度超过 140℃，启动过温保护。 Crystal internal contact temperature exceeds 140 ℃, start over temperature protection.							
		保护模式：关闭输出电压，温度下降后自动恢复 Protection mode: turn off the output voltage, the temperature drops automatically resume							
环境 Environment	工作温度 Working Temp	-0℃～50℃(请参照“减额曲线” Refer to "Derating curve")							
	工作湿度 Working Humidity	0～90%RH,无冷凝 non-condensing							
	储存温度、湿度 Storage Temp、Humidity	-10℃～75℃ 10～98%RH,无冷凝 non-condensing							
	温度系数 Temp. Coefficient	±0.03%/℃（0～50℃）							
	耐震荡 Vibration	10～500Hz,5G 10分钟/周期，X、Y、Z轴各60分钟 10Min/1 cycle，period for 60min,each along X,Y,Z axes							
安规和电磁兼容 备注7 Safety & EMC Note 7	安全规范 Safety Standards	GB4943，EN60950							
	耐压 Withstand Voltage	I/P-O/P:2KVac							
	绝缘抗阻 Isolation Resistance	I/P-O/P:100M Ohms/500VDC/25℃/70%RH							
	电磁兼容发射 EMI Conduction Radiation	符合 Compliance to :EN55022，EN61000-3-2,3，FCC part15,GB9254 class B,GB17625.1							
	电磁兼容抗扰度 EMS Immunity	符合 Compliance to :EN61000-4-2,3,4,5,6,8,11,A级轻工业标准 light industry level, criteria A							
其它 Others	寿命 Life	2年：100%负载，30℃，8小时/天 2 years: 100% load, 30, 8 hours / day							
	MTBF	≥1415.6Khrs							
	尺寸 Dimension	112*46*28smm(L*W*H)							
	包装 Packing	0.2Kg 100pcs/20Kg							
连接器 Connector	插头 Plug/配线 Wiring	详见第二页，其它型号可依客户需求订制 For second pages, other models can be customized according to customer requirements.							
备注 Note	1.如未特别说明，所有规格参数均在输入为230VAC、额定负载、25℃环境温度下进行测量。 If no special instructions are specified, all the specifications are measured at the input of 230VAC, the rated load, the ambient temperature of 25℃. 2.波纹和噪声测量方法：使用一条12″双绞线，同时终端要并联0.1uF和47uF的电容，在20MHZ带宽下进行量测。 Ripple and noise measuring method: using a 12 "twisted pair, at the same time terminal to parallel 0.1uF and 47uF capacitor, in the 20MHZ bandwidth measurement. 3.精度：包含设定误差，线性调整率和负载调整率。 Curacy: contains setting error, linear adjustment rate and load adjustment rate. 4.线性调整率测量方法：在额定负载下，从低电压到高电压测试。 Linear adjust rate measurement: at rated load, from a low voltage to a high voltage test. 5.负载调整率测量方法：从10%到100%。 Load adjustment rate measurement method: from 20% to 100% 6.过温保护是由控制IC的功能决定。 Overtemperature protection is determined by the function of the control IC.								

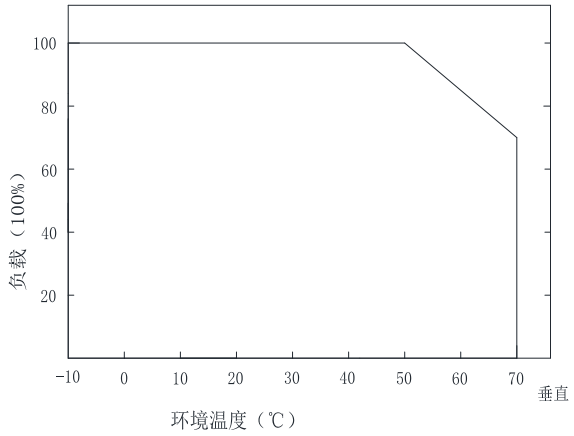
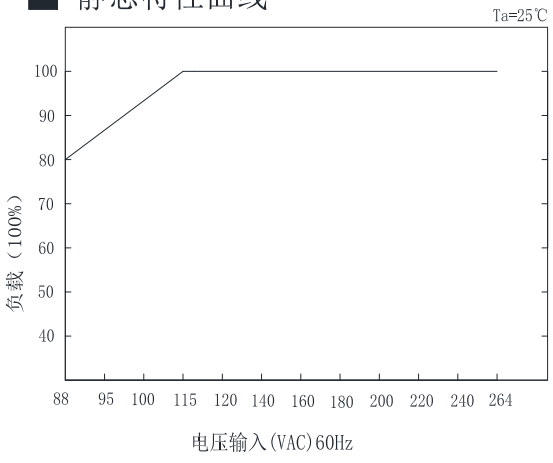
尺寸 **Size** 单位：mm



■方框图



■ 减额曲线



■ 静态特性曲线