



三一精工

电源适配器 Power Supply Adapter

APMC-10W



■ 特性

- 国际通用全范围交流输入
- 内置 EMI 滤波器
- 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
- Built-in EMI filter
- 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

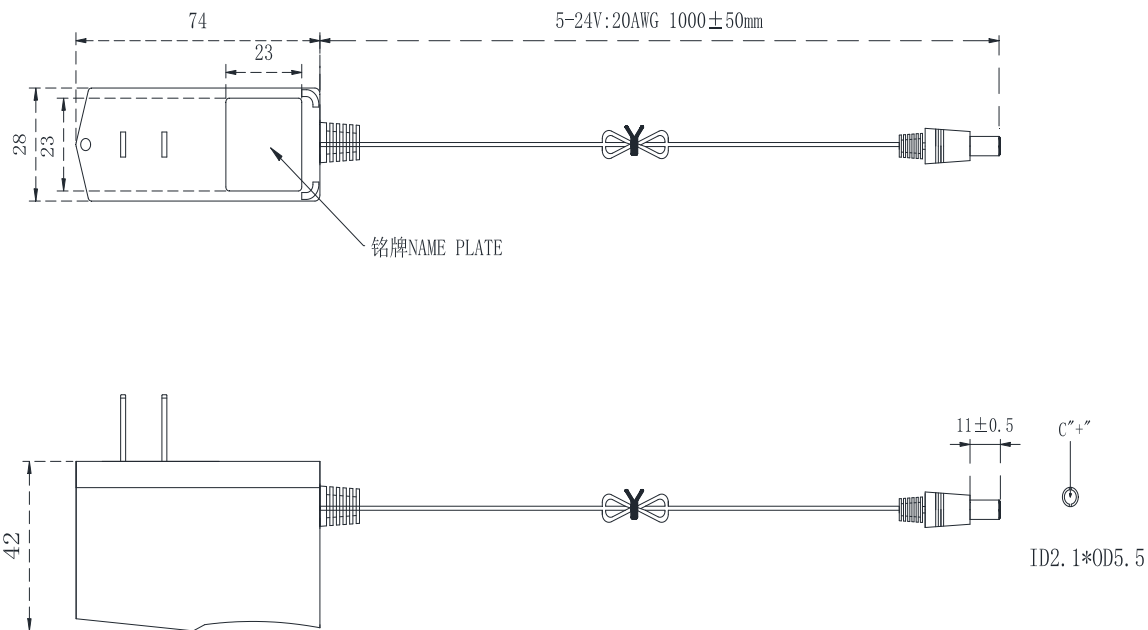
电气规格 SPECIFICATION

型号 Model		AD-S0520B	AD-S07512B	AD-S0910B	AD-S1208B	AD-S1506B	AD-S1805B	AD-S2405B
输出 Output	直流电压 DC Voltage	5V	7. 5V	9V	12V	15V	18V	24V
	额定电流 Rated Current	2A	1. 2A	1A	0. 5A	0. 6A	0. 5A	0. 5A
	电流范围 Current Range	0~2A	0~1. 2A	0~1A	0~0. 5A	0~0. 6A	0~0. 5A	0~0. 5A
	额定功率 Rated Power	10W	9W	9W	6W	9W	9W	12W
	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
	电压精度备注 3 Voltage Tolerance Note 3	± 5%	± 5%	± 5%	± 5%	± 3%	± 3%	± 3%
	线性调整率备注 4 Line Regulation (Note 4)	± 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%
	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%	85%	85%	85%	85%	85%
	交流电流 Ac Current (Typ.)	0. 12A/200Vac						
	浪涌电流最大 Inrush Current (Typ.)	35A/220Vac						
	漏电流最大 Leakage Current (Typ.)	< 0. 35mA/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						
	过电压 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						
其它 Others	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						
	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	74*28*42mm (L*W*H)						
连接器 Connector	包装 Packing	0. 07Kg 100pcs/7Kg						
	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 Dimension

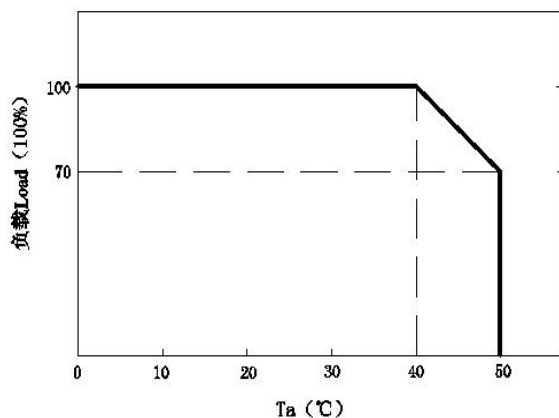
单位: mm



标准型: P1J

P1J	
P/N	OUTPUT
CENTER	+

■ 减额曲线Derating Curve



■ 静态特性曲线Static Characteristics

