



# 桌面开关电源适配器 /DESKTOP POWER ADAPTER

## 特点/characters:

- 1、两极直流电源插头/2 poles DC plug。
- 2、保护功能：短路/过载/过压  
/Protection characteristic: SCP/OLP/OVP。
- 3、全封闭塑料外壳/Fully enclosed plastic case。
- 4、自然冷却/Free air cooling。
- 5、国际全范围输入电压/Universal AC input, full range。
- 6、出厂前 100%满载老化/100% burned-in at full load。
- 7、质保 2 年/2 years quality warranty。
- 8、CE 认证/CE approved。



型号/Model No.		ZHAD72S5V	ZHAD72S12V	ZHAD72S24V
输出 /OUTPUT	直流输出电压/DC Vout	5V	12V	24V
	输出电压误差/Vout tolerance	± 1%	± 1%	± 1%
	额定最大输出电流/Rated Iout	7A	6A	3A
	输出电流范围/Iout range	0.5 ~ 7A	0.5 ~ 6A	0.5 ~ 3A
	输出功率/Output power	35W	72W	72W
	纹波和噪声/Ripple & Noise	80mVp-p	120mVp-p	240mVp-p
	输入调整率/Line regulation	± 1%	± 1%	± 1%
	负载调整率/Load regulation	± 5%	± 5%	± 5%
	直流电压可调范围/Vadj range	Fixed		
启动、上升、保持时间 /Start, rise, hold up time	500ms, 20ms, 50ms @230Vac; 500ms, 20ms, 15ms @115Vac @full load			
输入 /INPUT	输入电压范围/Vin range	85~132Vac, 170~264Vac, 47-63Hz, 240~370Vdc		
	交流输入电流/AC Iin	0.84A @115Vac, 0.42A @230Vac		
	效率/Efficiency	75%	80%	83%
	冲击电流/AC inrush current	冷启动电流/cool start, 25A@115Vac, 50A@230Vac		
	漏电流/Leakage current	<0.75mA @240Vac		
	输入交流频率/Frequency range	47 ~ 63 Hz		
保护功能 /Protection	过载保护/OLP	过功率保护/OLP, 110% ~ 150% rated output power, recovery 短路保护, 障碍取消自动恢复/SCP, recovery		
	过压保护/OVP	105% ~ 135% rated output power, recovery		
工作环境 /Working Environment	环境温度/Ambient temperature	-10 ~ 45°C		
	环境湿度/Ambient humidity	20% ~ 90% RH, non-considering		
	储存温度/Storage temperature	-20 ~ 85°C		
	储存湿度/Storage humidity	10% ~ 95% RH		
	温度变化系数/Temp. Coefficient	± 0.03%/°C (@-10 ~ 45°C)		
	振动/Vibration	10~500Hz, 2KG 10min./1 cycle, period for 60 minutes each along X Y Z axes		



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规格书 SPECIFICATION  
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安规 /Safety	耐压/Withstand voltage	Input-Output: 1.5KVac, Input-Earth: 1.5KVac, Output-Earth: 0.5KVac		
	安规标准/Standard	EN60950		
	绝缘电阻/Insulation Resistance	Input-Output, Input-Earth, Output-Earth: 100 M $\Omega$ @500Vac		
	EMI conduction&radiation	Compliance to EN55024, EN61000-3-3		
	EMS immunity	Compliance to EN61000-3-3		
	认证/Approved	CE		
包装尺寸 /Package	尺寸/Size	140*48*35mm		
	重量/Weight	0.33Kg		
	包装/Package	40pcs/carton, 14.5Kg		
输入输出/ Connector	输入插座/AC Input socket	IEC		
	输出插头/DC plug	5.5*2.1*9-11mm		
	线长/Length of cable	1.2m		

- 1、 All parameters are specified at 230VAC input, rated load, 27°C 70%RH ambient。
- 2、 Ripple and noise are measured at 20MHz by using a 12 inch Twisted pair terminated with 0.1u and 47u capacitor。
- 3、 Tolerance: includes set up tolerance, line regulation, load regulation。
- 4、 DC voltage : the output voltage set at point measure by plug terminal &50% load。
- 5、 Line regulation is measured from low line to high line at rated load。
- 6、 Load regulation is measured from 20% to 100% rated load。
- 7、 The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meet EMC directives。