



500W

机壳型开关电源 Switching Power Supply

DPA-500 Series



产品特性 (Features) :

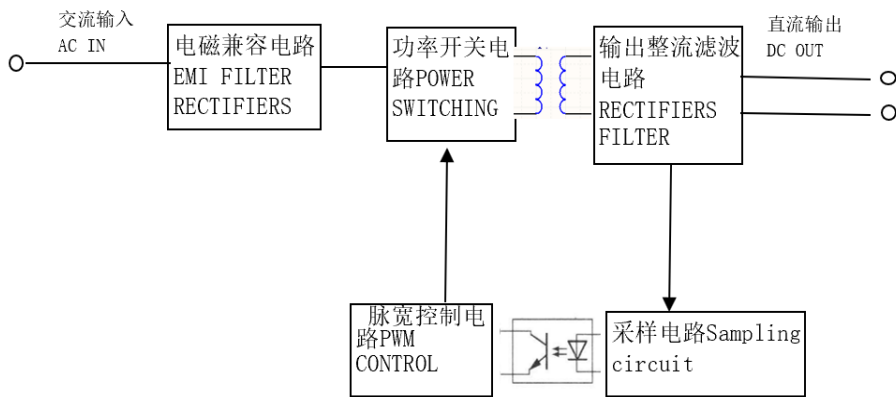
1. 恒定电压输出 (Constant Output Voltage)
2. 拨片选择输入电压 (AC Input Voltage selected by switch): 110/220Vac
3. 保护功能: 短路/过载/过压/过温保护
(Protections: Short circuit/Over load/Over current/Over temperature)
4. 常温自冷+风扇制冷 (Cooling free air convection+Forced by fan)
5. 全铝外壳 (Aluminum Housing)
6. 两年固保 (Two years warranty)
7. IP20防护等级 (IP20 for indoor installation)
8. 高可靠性能 (High reliability)

规格 SPECIFICATION		DPA-500-12	DPA-500-24
输出 OUTPUT	输出电压 Rated DC voltage	12V±0.5V	24V±0.5V
	电流范围 Current range	0-41.7A	0-20.8A
	额定功率 Rated Power	500W	
	纹波及噪声 Ripple & Noise	≤120mVp-p	≤240/400mVp-p
	输出上升时间 Setup,Rise time	50ms/230VAC	
	输出保持时间 Hold up time	20ms/230VAC	
输入 INPUT	输入电压范围 Voltage range	AC90-130V/AC180-240V	
	频率 Frequency range	50-60HZ	
	启动时间 Startup time	≤1S	
	效率 Efficiency(Tpy.)	≥83%	≥86%
	功率因素 Power factor	≥0.50(max)	
	漏电流 Leakage current	0.25mA/230VAC	

保护 PROTECTION	过流保护 Over Current	105%-130%
		保护类型：打嗝式保护/自恢复 Protection type: Hiccup mode
	短路保护 Reset After Shutdown	短路保护：自恢复 after the fault has been removed
使用环境 ENVIRONMENT	工作温度 Working TEMP.	-10°C-45°C
	存储温度 Storage TEMP.	-40°C-80°C
	相对湿度 Working Humidity	0--100%
	振动 Vibration	10-500HZ,2G 10min/1cycle,preiod for 60min,each along X,Y,Z axes
	温度系数 TEMP. coefficient	±0.03%°C (0-50°C)
安规及电磁兼容 SAFETY&EMC	安全标准 Safety Standards	Design refer to LVD EN61347-2-13:2006,EN61347-1:2008
	耐压 With stand Voltage	I/P-O/P:2.5KVAC,I/P-COVER:1.5KVAC,O/P-COVER:500VAC
	绝缘电阻 Isolation Resistance	I/P-O/P:>100M Ohms/500VDC/25°C/70% RH
	电磁兼容 EMC	EN55015:2006/A2:2009,EN61000-3-2:2006/A2:2009,EN61000-3-3:2008,EN61547:2009
其它 OTHERS	寿命 MTBF	30.000 Hours (25°C)
	尺寸 Dimension	215*115*50mm(L*W*H)
	重量 Weight	0.74KG
	包装 Packaging	51*26*45cm/36pcs

安装尺寸(单位:mm)
Configuration dimensions(Unit:mm)

组成结构图:
Circuit diagram:



带载降额曲线:
Load derating curve:

