



100w

机壳型开关电源 Switching Power Supply

DPA-100 Series



产品特性(Features) :

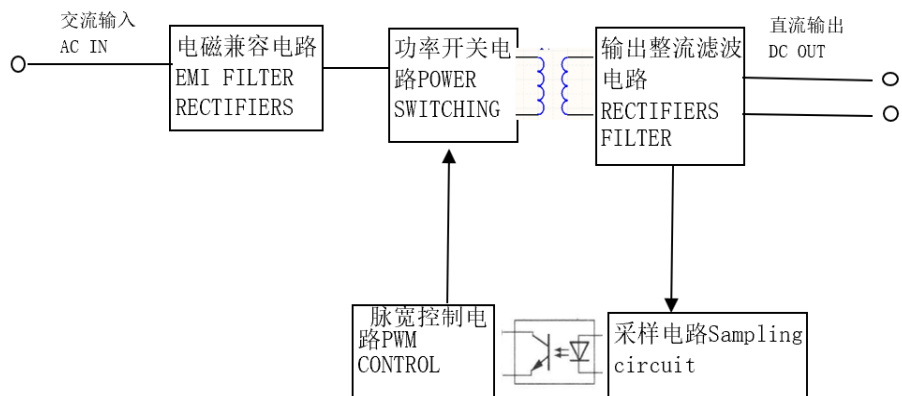
1. 恒定电压输出 (Constant Output Voltage)
2. 输入电压 (AC Input Voltage): 100~250Vac
3. 保护功能 (Protection): 短路/过载/过压/过温保护
(Short circuit/Over load/Over current/Over temp. Protection)
4. 常温自冷 (Cooling free air convection)
5. 全铝外壳 (Aluminum Housing)
6. 两年固保 (Two years warranty)
7. IP20防护等级 (IP20 for indoor installation)
8. 高可靠性能 (High reliability)

规格 SPECIFICATION		DPA-100/12	DPA-100/24
输出 OUTPUT	输出电压 Rated DC voltage	12V±0.5V	24V±0.5V
	电流范围 Current range	0-8.4A	0-4.16A
	额定功率 Rated Power	100W	
	纹波及噪声 Ripple & Noise	≤120mVp-p	≤240mVp-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	AC110-250V	
	频率 Frequency range	50-60HZ	
	启动时间 Startup time	≤ 2S	
	效率 Efficiency(Tpy.)	≥ 84%	≥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	159*99*38mm(L*W*H)
	重量 Weight	0.33KG
	包装 Packaging	53*26*43cm/72pcs

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:

