



100W

非凡款橱柜开关电源

FF Cabinet Power Supply

DPCA-100 Series



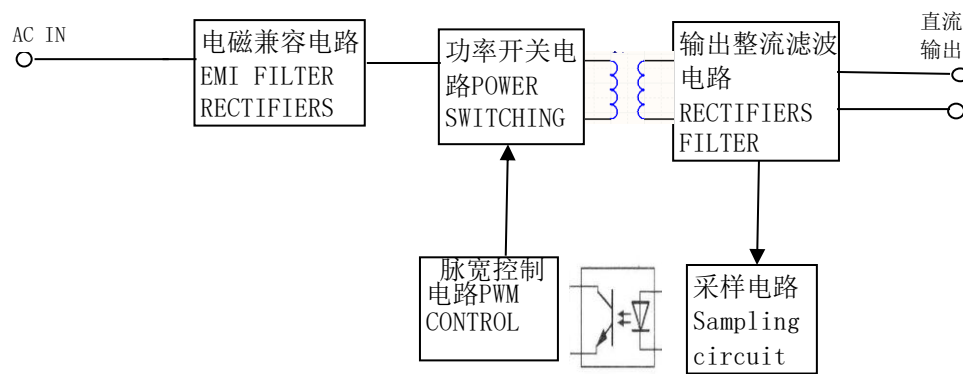
产品特性(Features):

1. 恒定电压输出(Constant Voltage design).
2. 输入电压(AC input Voltage range)100-240Vac.
3. 保护功能:短路保护/过载保护均可自恢复。
(Protections:Short circuit/Over load/Over current)
4. 常温自冷(Cooling by Convection or Forced air)
5. 阻燃PC外壳(Flame retardant PC case)
6. 两年质保(Two Years Warranty)
7. IP40等级(IP40grade)
8. 9位杜邦+3位感应接口 (9*Dupont+3*Sense Ports)

规格 SPECIFICATION		DPCA-100-12	DPCA-100-24
输出 OUTPUT	输出电压 Rated DC voltage	12V ± 3V	24V ± 5V
	电流范围 Current range	0-8.33A	0-4.17A
	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	AC100-240V	
	频率 Frequency range	50-60HZ	
	效率 Efficiency(Tpy.)	≥ 86%	≥ 86%
	功率因素 Power factor	0.65 (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℃-45℃
	存储温度 Storage TEMP.	-40℃-80℃
	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%℃ (0-50℃)
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:1.5KVAC, I/P-COVER:1.5KVAC, O/P-COVER:500VDC
	绝缘电阻 Isolation Resistance	I/P-O/P:>100M Ohms/500VDC/25℃/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℃)
	尺寸 Dimension	186*56*20mm(L*W*H) 不含线 (Without line)
	重量 Weight	270g
	包装 Packaging	45*39*20.5cm 60PCS
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:

