



100W

标准款橱柜开关电源

Cabinet Power Supply

DPCB-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. 8位杜邦+2位接线端口+3位和4位感应端口

(8*Dupont ports+2pins port+3pins&4pins sense ports)

规格
SPECIFICATION

DPCB-100-12

DPCB-100-24

输出
OUTPUT输出电压
Rated DC voltage $12V \pm 3V$ $24V \pm 5V$ 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 $\leq 120mVp-p$ $\leq 240mVp-p$ 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.) $\geq 86\%$ $\geq 86\%$ 功率因素
Power factor

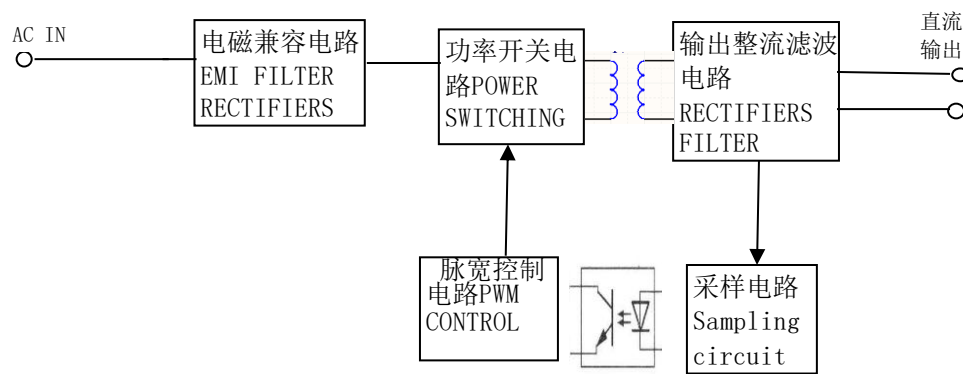
0.65(max)

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/270PCS
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:

