



100W

防水开关电源

Waterproof Power Supply

DPBA-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. 加厚铝型材外壳(Thickness Aluminum Profile Housing)
6. 高可靠性三年固保(High Reliability with Three Years Warranty)
7. IP67防水等级(IP67 waterproof grade)
8. 使用寿命 (Lifespan)>50000Hours



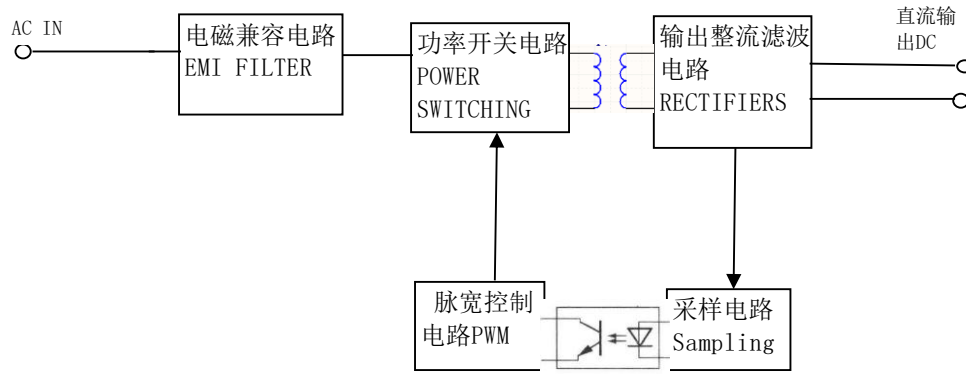
规格 SPECIFICATION		DPBA-100-12	DPBA-100-24
输出 OUTPUT	输出电压 Rated DC voltage	12V $\pm$ 0.5V	24V $\pm$ 0.5V
	电流范围 Current range	0-8.33A	0-4.16A
	额定功率 Rated Power	100W	
	纹波及噪声 Ripple & Noise	$\leq$ 120mVp-p	$\leq$ 240mVp-p
	输出上升时间 Setup,Rise time	50ms/230VAC	
	输出保持时间 Hold up time	20ms/230VAC	
输入 INPUT	输入电压范围 Voltage range	AC100-240V (AC110V时最大不超过60%负载)	
	频率 Frequency range	50-60HZ	
	效率 Efficiency(Tpy.)	$\geq$ 84%	$\geq$ 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.	-20℃-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	50,000 Hours (25℃)
	尺寸 Dimension	190*55.5*30mm(L*W*H) 不含线 (Without line)
	重量 Weight	490g
	包装 Packaging	35.5*27*23.5cm/30PCS

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:

