



特点

- 直流输出电压可调
- 通用交流输入90~264V
- 保护：短路/过载/过压/过温
- 自由空气对流设计
- 三年保修

Features

- DC Output Voltage Adjustable
- Universal AC Input 90~264V
- Protection: Short Circuit/Overload/Over Voltage/Over Temperature
- Free Air Convection Design
- Three Years Warranty

规格参数 Specification

品名 Product name	DPS1-240W-D24-02A(H)	DPS1-240W-D48-02A(H)
输入参数 Input Parameter		
输入电压范围 Input voltage range	90~264VAC, 127~370VDC [通过连接 AC/L (+)、AC/N (-) 输入直流] 90~264VAC, 127~370VDC [DC input by connecting AC/L(+), AC/N(-)]	
输入频率范围 Input frequency range	47...63Hz	
输入电流 Input current	2.5A/115VAC 1.3A/230VAC	
冲击电流 Impulse current	35A/230VAC	
待机功耗 Power consumption	5W	
接线方式 Connection mode	接线端子 Terminal blocks	
输出参数 Output Parameter		
输出效率 Output efficiency	87%	88%
额定输出电压 Output rated voltage	24V	48V
输出电压可调节范围 Range of output voltage	24~28V	48~55V
额定输出电流 Output rated current	10A	5A
额定输出功率 Rated power	240W	
电压纹波输出(20MHz) Voltage ripple (20MHz)	150 mVp-p	
启动, 上升时间 Setup, Rise time	1500ms, 100ms/230VAC at full load 3000ms, 100ms/115VAC at full load	
线性调节率 Line regulation	±0.5%	
负载调节率 Load regulation	±1.0%	
漏电流 Leakage current	<1mA/240VAC	
温度漂移系数 Coefficient of temperature drift	±0.03%/°C(0~50°C)	
掉电保持时间 Power-down hold time	16ms/230VAC at full load 12ms/115VAC at full load	
开关频率 Switching frequency	50Khz~80Khz	
接线方式 Connection mode	接线端子 Terminal blocks	

品名 Product name	DPS1-240W-D24-02A(H)	DPS1-240W-D48-02A(H)
机械参数 Mechanical Parameter		
尺寸(L x W x D) Size (L X W X D)	125×63×113.5mm	
重量 Weight	1kg	
外壳材质 Shell material	金属 Metal	
DC 指示灯 DC light	OK	
环境参数 Environmental Parameter		
工作温度 Working temperature	-20~+70 °C (参考“减额曲线”) -20 ~ +70 °C (Refer to "Derating Curve")	
存储温度 Storage temperature	-40°C ~ +85°C	
存储湿度 Storage humidity	10...95%RH	
工作湿度 Working humidity	20~95%RH非冷凝 20 ~ 95% RH non-condensing	
振动测试 Vibration test	IEC60068-2-6(X、Y、Z三轴, 2G) IEC 60068-2-6(X, Y, Z axis, 2G)	
运行海拔高度 Operational altitude	2000米 2000m	
安全保护参数 Security Parameter		
过流保护范围 Overcurrent protection range	105~130%额定输出功率保护类型: 恒流限制, 故障条件消除后自动恢复 105 ~ 130% rated output power Protection type: Constant current limiting, recovers automatically	
过压保护 Overvoltage protection	29~33V	56~65V
过温保护 Overheat protection	保护类型: 恒流限制, 故障条件消除后自动恢复 Protection type: Constant current limiting, recovers automatically after fault condition is removed	
短路保护 Short circuit protection	保护类型: 关闭o/p电压, 重新通电恢复 10-13A 打嗝保护 10-13A Hiccup Protection	
安全标准 Safety standard	UL508.BS/EN62368-1	
平均故障间隔时间 Mean Time between failures	1398.4K hrs min. Telordia SR-332 (Bellcore)	

产品尺寸图 Dimensional Drawing

