



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	DPS1-120W-D12-02A(H)	DPS1-120W-D24-02A(H)	DPS1-120W-D48-02A(H)
<b>输入参数 Input Parameter</b>			
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	2.25A/115VAC 1.3A/230VAC		
冲击电流 Impulse current	35A/230VAC		
待机功耗 Power consumption	0.6W		
接线方式 Connection mode	接线端子 Terminal blocks		
<b>输出参数 Output Parameter</b>			
输出效率 Output efficiency	85.5%	88%	89%
额定输出电压 Output rated voltage	12V	24V	48V
输出电压可调节范围 Range of output voltage	12~14V	24~28V	48~55V
额定输出电流 Output rated current	10A	5A	2.5A
额定输出功率 Rated power	120W		
电压纹波输出(20MHz) Voltage ripple (20MHz)	100 mVp-p	120 mVp-p	150 mVp-p
启动, 上升时间 Setup, Rise time	1200ms, 60ms/230VAC at full load 2500ms, 60ms/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 10ms/115VAC at full load		
开关频率 Switching frequency	50Khz~80Khz		
接线方式 Connection mode	接线端子 Terminal blocks		

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<b>机械参数 Mechanical Parameter</b>			
尺寸(L x W x D) Size (L X W X D)	125×40×113mm		
重量 Weight	0.6kg		
外壳材质 Shell material	金属 Metal		
DC 指示灯 DC light	OK		
<b>环境参数 Environmental Parameter</b>			
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~+85 °C, 10~95% RH		
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		
<b>安全保护参数 Security Parameter</b>			
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	14~17V	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 3.2A shutdown, restart and restore		
安全标准 Safety standard	UL508, BS/EN62368-1		
平均故障间隔时间 Mean Time between failures	2241.28K hrs min. Telcordia SR-332 (Bellcore)		

产品尺寸图 Dimensional Drawing

