

DPS1-WI-60W电源 DPS1-WI-60W Power Supplies



特点

- 单相或两相超宽输入范围180~550 VAC
- 过电压类别 III
- 内置DC OK继电器触点
- 保护：短路/过载/过压/过温
- 内置恒流限制电路
- 三年保修

Features

- Single or Two Phase Ultra Wide Input Range 180~550 VAC
- Over Voltage Category III
- Built-in DC OK Contact
- Protection: Short Circuit/Overload/Over Voltage/Over Temperature
- Bulit-in Constant Current Limiting Circuit
- Three Years Warranty

规格参数 Specification

品名 Product name	DPS1-WI-60W-D5-02A(H)	DPS1-WI-60W-D12-02A(H)	DPS1-WI-60W-D24-02A(H)	DPS1-WI-60W-D48-02A(H)
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输入参数 Input Parameter

输入电压范围 Input voltage range	180 ~ 550VAC 254 ~780VDC			
输入频率范围 Input frequency range	47...63Hz			
输入电流 Input Current	0.4A/400Vac 0.7A/230Vac			
冲击电流 Impulse current	冷启动50A COLD START 50A			
待机功耗 Power consumption	3W			
接线方式 Connection mode	接线端子 Terminal blocks			

输出参数 Output Parameter

输出效率 Output efficiency	83.5%/400Vac	86.5%/400Vac	89%/400Vac	90.5%/400Vac
额定输出电压 Output rated voltage	5V	12V	24V	48V
输出电压可调节范围 Range of output voltage	5-6V	12-15V	24-29V	48-57V
额定输出电流 Output rated current	10A	5A	2.5A	1.25A
额定输出功率 Rated power	50W	60W	60W	60W
电压纹波输出(20MHz) Voltage ripple (20MHz)	100 mVp-p	120 mVp-p	150 mVp-p	200 mVp-p
启动，上升时间 Setup , Rise time	1000ms ,70ms /400VAC at full load 2000ms ,70ms /230VAC at full load			
线性调节率 Line regulation	±0.5%			
负载调节率 Load regulation	±1.5%	±0.5%	±0.5%	±0.5%
漏电流 Leakage current	<2mA /530Vac			
温度漂移系数 Coefficient of temperature drift	±0.03%/°C(0~60°C)			
掉电保持时间 Power-down hold time	20ms /400VAC at full load 10ms /230VAC 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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机械参数 Mechanical Parameter

尺寸(L x W x D) Size (L X W X D)	32×100.5×125mm
重量 Weight	0.45kg
外壳材质 Shell material	金属 Metal
DC 指示灯 DC light	OK
DC OK 继电器 DC OK contact	30VDC 1A 阻性负载 30VDC 1A resistive load

环境参数 Environmental Parameter

工作温度 Working temperature	-30~+85 °C (参考“减额曲线”) -30 ~ +85 °C (Refer to "Derating Curve")
存储温度 Storage temperature	-40°C ~ + 85°C
存储湿度 Storage humidity	10~95%RH非冷凝 10 ~ 95% RH non-condensing
工作湿度 Working humidity	20~95%RH非冷凝 20 ~ 95% RH non-condensing
振动测试 Vibration test	组件：10~500Hz，2G 10min/1个周期，60分钟。每个沿着X、Y和Z轴；安装夹：符合IEC60068-2-6。 Component: 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X,Y Z axes; Mounting clip: Compliance to IEC60068-2-6.
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	105~135%额定输出功率输出电压<50%时打嗝模式，故障排除后自动恢复。恒流限制在50%~100%额定输出 电压范围内，故障条件消除后自动恢复 105 ~ 135% rated output power Hiccup mode when output voltage <50%. recovers automatically after fault condition is removed. Constant current limiting within 50% ~ 100% rated output voltage, recovers automatically after fault condition is removed			
过压保护 Overvoltage protection	6.2-7.2V	16-18V	31-37V	58-60.5V
过温保护 Overheat protection	保护类型：关闭o/p电压，重新通电恢复 Protection type : Shut down o/p voltage, re-power on to recover			
短路保护 Short circuit protection	打嗝模式 Hiccup mode			
安全标准 Safety standard	UL61010-1,UL61010-2-201,BS EN/EN62368-1			
平均故障间隔时间 Mean Time between failures	1600K hrs min. Telcordia SR-332 (Bellcore)			

产品尺寸图 Dimensional Drawing

