



特点

- 三相340~550VAC宽范围输入(可两相运行)
- 内置PFC功能
- 保护: 短路/过载/过压/过温
- DC OK继电器触点
- 内置恒流限制电路
- 高效低功耗
- 最大实现4台并联至3840W
- 三年保修

Features

- 3-Phase 340~550VAC Wide Range Input (2-phase operation possible)
- Built-in Passive PFC Function
- Protection: Short Circuit/Overload/Over Voltage/Over Temperature
- DC OK Contact
- Built-in Constant Current Limiting Circuit
- Higher Efficiency and Low Power Dissipation
- Parallel Connections Withmax 4 PSU up to 3840W
- Three Years Warranty

规格参数 Specification

品名 Product name	DPS3-960W-D24-02A(H)	DPS3-960W-D48-02A(H)
<b>输入参数 Input Parameter</b>		
输入电压范围 Input voltage range	三相 340~550VAC (可连接 L1、L3、FG 或 L2、L3、FG 的双相操作) 或 480~780VDC Three-Phase 340 ~ 550VAC (Dual phase operation possible inconnecting L1,L3,FG or L2,L3,FG) or 480 ~ 780VDC	
输入频率范围 Input frequency range	47...63Hz	
输入电流 Input current	2A/400VAC 1.4A/500VAC	
冲击电流 Impulse current	冷启动60A COLD START 60A	
待机功耗 Power consumption	15W	
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	92%	
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	40A	20A
额定输出功率 Rated power	960W	
电压纹波输出(20MHz) Voltage ripple (20MHz)	180 mVp-p	250 mVp-p
启动, 上升时间 Setup, Rise time	1200ms, 60ms/400VAC at full load 800ms, 60ms/500VAC 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	<3.5/ 530VAC	
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	20ms/400VAC at fullload 20ms/500VAC 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	DPS3-960W-D24-02A(H)	DPS3-960W-D48-02A(H)
<b>机械参数 Mechanical Parameter</b>		
尺寸(L x W x D) Size (L X W X D)	110×125.2×152.3mm	
重量 Weight	2.47kg	
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	
<b>环境参数 Environmental Parameter</b>		
工作温度 Working temperature	-30~+70 °C (参考“减额曲线”) -30 ~ +70 °C (Refer to "Derating Curve")	
存储温度 Storage temperature	-40°C ~ +85°C	
存储湿度 Storage humidity	10~95%相对湿度非冷凝 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、Z轴; 安装: 符合IEC60068-2-6 Component: 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes; Mounting: Compliance to IEC60068-2-6	
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, 3秒后机组停机, 重新通电恢复 105 ~ 130% rated output power Protection type: Constant current limiting, unit will shut down after 3 sec, re-power on to recover	
过压保护 Overvoltage protection	29~33V	56~65V
过温保护 Overheat protection	保护类型: 关闭o/p电压, 重新通电恢复 Shut down o/p voltage, recovers automatically after temperature goes down	
短路保护 Short circuit protection	锁死 重启恢复 Locked .Reboot Recovery	
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	550.04K hrs min. Telcordia SR-332(Bellcore)	

产品尺寸图 Dimensional Drawing

