



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)
输入参数 Input Parameter		
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	
输出参数 Output Parameter		
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)
机械参数 Mechanical Parameter		
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	
环境参数 Environmental Parameter		
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	
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, 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

