

◆特性 Characteristics:

- LED 灯显示电源工作状态
- LED indicator for power supply status
- 保护种类: 短路/过负载/过电压
- Protection types: Over Voltage Protection
Short Circuit Protection
Over Current Protection
- 自然风冷, 低噪声
- Natural air cooling
- 100% 满载老化测试
- 100 percent full loading burning-testing
- 3 年保固
- Three years warranty
- 高效、高稳定可靠、长寿命
- High efficiency, high reliability
- 无铅环保、3C 5000 米认证
- Lead free, 3C, CE & CB certified



Spec:

型号/Model		HS100-5-NP	HS100-12-NP	HS100-24-NP
输出	直流电压/电流 DV/DC	5V/20A	12V/8.5A	24V/4.5A
	主路电流范围 Main Output Rating Current	0~20A	0~8.5A	0~4.5A
	额定功率 Rated Power	100W		108W
	纹波与噪声 Main output ripple & noise	<80mVp-p	<100mVp-p	<100mVp-p
	输出电压调整范围 Output Voltage Range	4.75V~5.5V	11.4V~13.2V	22.8V~26.4V
	稳压精度 Regulation Precision	±2%	±1%	±1%
	线性调整率 Linear regulation rate	±0.5%	±0.5%	±0.5%
	负载调整率 Loading regulation rate	±0.5%	±0.5%	±0.5%
	启机延时时间 (单位: 秒) Power-on delay	≅ 1s /Input 115VAC/output full loading		≅ 1s /Input 230VAC/output full loading
	输出电压上升时间 (单位: 毫秒) Outputs rise time	≅ 20ms Input 115VAC/output full loading and input 230VAC/output full loading		
输入	保持时间 (Typ.) (单位: 毫秒) Hold-up time	≅ 20ms /Input 230VAC/Output full loading		≅ 20ms /Input 115VAC/Output full loading
	电压范围 Voltage Range	85~132VAC/176-264VAC(Switch)		
	频率范围 Frequency Range	47~63HZ		
	效率 (Typ.) Efficiency	80%	83%	86%
	最大输入交流电流 (Typ.) MAX Output Current	2A/115VAC	1.2A/230VAC	
	浪涌电流 (Typ.) Inrush Current	Cold Start<70A/230VAC		
漏电流 Ground Leakage Current	<2mA /Input 240VAC			
保护	过负载 Over Loading Protection	Between 110 percent and 150 percent of rating output power Protection mode: hiccup, auto-recovery after removing abnormal load.		
	过电压 Over Voltage Protection	5.75~6.75V	13.8~16.2V	27.6~32.4V Protection mode: hiccup, auto-recovery after removing abnormal load.
	短路 Short Circuit Protection	Short circuit with main output and GND Protection mode: hiccup, auto-recovery after removing abnormal load.		
环境	工作温度 Operating Temperature	-20~+60°C		
	工作湿度 Operating Humidity	20~90% RH, NO WATER		
	储存温度、湿度 Storage Temperature/Humidity	-40~+85°C, 10~95% RH		
	温度系数 Temperature coefficient	±0.03%/°C (0~45°C)		
	耐振动 Vibration	10~500HZ,2G 10 Min/Cycle, X、Y、Z directions, per direction/60 min		

安规和电磁兼容	安全范围 Safety standardization	UL60950-1、CB (IEC60950-1) ,CCC, GB4943.1:2011 Certification
	耐压 Hi-POT	I/P-O/P: 3KVAC I/P-FG: 2KVAC O/P-FG: 0.5KVAC
	绝缘阻抗 Grounding Continuity Test	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms MAX / 500VDC/25°C/70%RH
	电磁干扰 Conducted and Radiated Emissions	EN55022(CISPR22)Class B, EN61000-3-2, -3
	电磁耐受 ESD, EFT, Surge Susceptibility	EN61000-4-2,3,4,5,6,8,11, EN55024,EN61000-6-1,A degree industrial standard
其它	MTBF	≥374.2K hrs.MIL-HDBK-217F(25°C)
	Size	160*98*38mm(长 L*宽 W*高 H)
	Package	0.55KG;30pcs/17.5KG/0.97UFT

■产品结构外观尺寸图(Product Mechanical Drawing):

