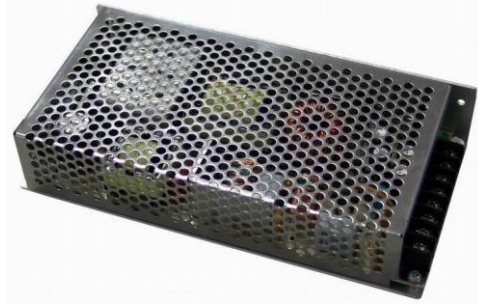


### ◆特性 Characteristics:

- 国际通用全范围电压输入
- International full range input voltage
- 双路/单路输出<sup>备注7</sup>
- Single or dual output(s)
- 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
- Natural air cooling
- 100%满载老化测试
- 100 percent full loading burning-testing
- 3年保固
- Three years warranty



Spec:



型号/Model		HDZ1902-3B-2404	HDZ1902-3B-4802
输出 Output	直流电压/电流 DV/DC	24V/4A (12V/8A)	48V/2A (12V/8A)
	主/辅路额定电流 Main output rating current	4A/8A	2A/8A
	主/辅路电流范围 Main output current range	0.2~4A/0.4~8A	0.1~2A/0.2~8A
	额定功率 Rated power	190W	
	主/辅路纹波与噪声 Main output ripple & noise	< 240mVp-p/120mVp-p	< 480mVp-p/120mVp-p
	主路电压调整范围 Main output voltage range	21.6~26.4V	43.2~52.8V
	稳压精度 Regulation precision	±5%	±5%
	线性调整率 Linear regulation rate	±2%	±2%
	负载调整率 Loading regulation rate	±5%	±5%
	启机延时、输出电压上升时间 Power-on delay	≅ 3S, ≅ 50ms/ (90-264Vac)	
	保持时间 (Typ.) Hold-up time	≅ 20ms/230VAC	
输入 Input	电压范围 Voltage range	90~264VAC	
	频率范围 Frequency range	47~63HZ	
	效率 (Typ.) Power efficiency	85%/230VAC	86%/230VAC
	交流电流 (Typ.) AC current	<3.5A/100VAC, <1.8A/230VAC	
	浪涌电流 (Typ.) Inrush current	Cold start <90A/264V	
	漏电流 Ground leakage current	<3.5mA/264VAC/60HZ	
保护 Protection	过负载 Over loading protection	Between 110 percent and 200 percent of rating output power Protection mode: hiccup, auto-recovery after removing abnormal load	
	主/辅路过电压 Over voltage protection	27.6~32.4V/13.8~16.2V	55.2~64.8V/13.8~16.2V
	Over voltage protection	Protection mode: hiccup, auto-recovery after removing abnormal load	

环境 Environment	工作温度 Operating temperature	-20~+60℃
	工作湿度 Operating humidity	20~90% RH, non-condensing
	储存温度、湿度 Storage temperature/humidity	-40~+85℃, 10~95% RH
	温度系数 Temperature coefficient	±0.03%/℃ (0~45℃)
	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 Safety & EMC	安全范围 Safety standardization	UL60950-1, CB (IEC60950-1), GB4943
	耐压 Hi-POT	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC
	绝缘阻抗 Grounding continuity test	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC
	电磁干扰 Conducted and radiated emissions	EN55022 (CISPR22) Class B, GB9254 CLASS B
	电磁耐受 ESD, EFT, surge susceptibility	EN6100-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN55024, EN61000-6-1, A degree industrial standard
其它 Others	MTBF	≥87K hrs.MIL-HDBK-217F (25℃)
	尺寸 Size	199*98*39mm (L*W*H)
	包装 Package	0.36KG; 30pcs/10.8KG/0.93UFT

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

