



Feature特征

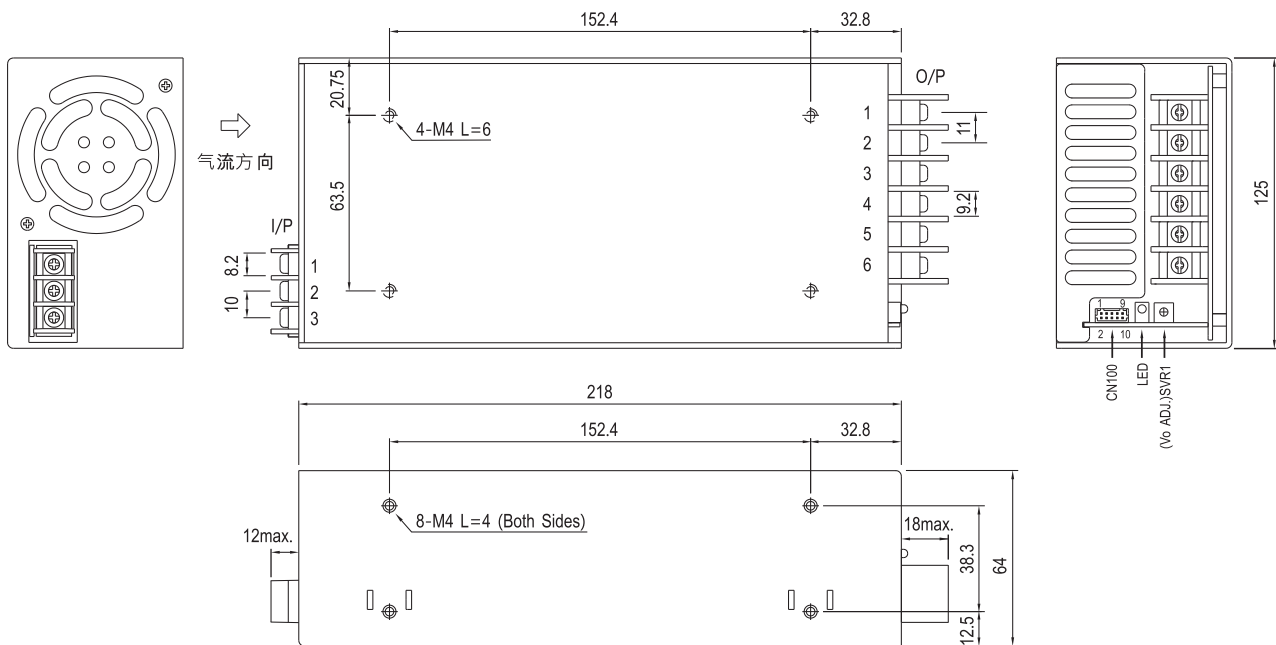
- Universal AC input/Full range
国际通用全范围交流输入
- Protections: Short circuit/Over load
短路保护, 过载保护
- Fan cooled采用风扇冷却
- High efficiency, long life and high reliability
高效率, 长寿命和高可靠性
- Using 105°C long life electrolytic capacitors
使用105度长寿命电容器
- 100% full load burn-in test 100%满载老化
- Installed with EMI filter, minimum wave
内装EMI滤波器, 极小纹波

CE RoHS

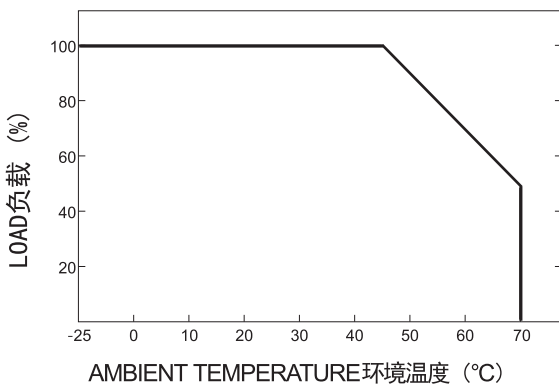
Model型号	S-500-12	S-500-15	S-500-24	S-500-36	S-500-48
Specification性能					
Dc voltage 直流电压	12V	15V	24V	36V	48V
Rated current 额定电流	37.5A	33.3A	20.8A	13.8A	10.4A
Current range 电流范围	0-37.5A	0-33.3A	0-20.8A	0-13.8A	0-10.4A
Rated power 额定功率	450W	500W	500W	500W	500W
Ripple & noise 纹波和噪音	Note:1 150mVp-p	150mVp-p	150mVp-p	200mVp-p	240mVp-p
Voltage ADJ. range 电压调整范围	10%	10%	10%	10%	10%
Voltage tolerance 电压精度	Note:2 ±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
Line regulation 线性调整率	Note:3 ±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load regulation 负载调整率	Note:4 ±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Setup, rise, hold up time 启动, 上升, 保持时间	500ms, 50ms, 60ms/230VAC				
Input voltage range 输入电压范围	85-132VAC/170-264VAC, 47-63HZ, Selected by switch由开关选择				
Efficiency 效率	74%	78%	82%	82%	83%
Input current 输入电流	7A/115V 4A/230V				
Inrush current 浪涌电流	Cold start冷启动: 62A/230V				
Leakage current 漏电流	<4mA / 240VAC				
Overload protection 过载保护	105%-150%Rated output power; Type: Hiccup; Reset: auto recovery 105%-150%额定输出的功率; 模式: 打嗝模式; 复位: 自动恢复				
Working temp humidity 工作温度, 湿度	-25~+70°C, 20 ~ 90% RH				
Storage temp humidity 储存温度, 湿度	-40~+85°C, 10 ~ 95% RH				
Temp coefficient 温度系数	±0.03%/°C (0 ~ 50°C) (+5V)				
Vibration 耐振动	10 ~ 500Hz, 2G 10min/cycle周期, X、Y、Z Each axes轴各60min				
Withstand voltage 耐压性	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC				
Isolation resistance 隔离电阻	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC / 25°C / 70% RH				
Safety standards 安全标准	Design refer to UL1950 设计交付UL1950				
EMC standards EMC标准	Meet FCC part 15J condition class A			满足FCC部分15J条件, 等级A	
Overall dimension 外形尺寸	240x125x64mm				
Weight 重量	1.25Kg				
<p>Note:1. Ripple & noise are measured at 20MHZ of bandwidth by using 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor; 纹波和噪声测量方法: 20HZ带宽下测量, A12双绞线, 终端并0.1uF&47uF的电容器;</p> <p>Note:2. Tolerance: includes set up tolerance, line regulation and load regulation; 精度: 包括设定误差, 线性调整率, 负载调整率;</p> <p>Note:3. Line regulation is measured from low line to high line at rated load; 线性调整率测量方法: 在额定负载下, 从低电压到高电压测试;</p> <p>Note:4. Load regulation is measured from 0% to 100% rated load. 负载调整率测量方法: 负载从0%到100%</p>					

■ Mechanical Specification 结构尺寸

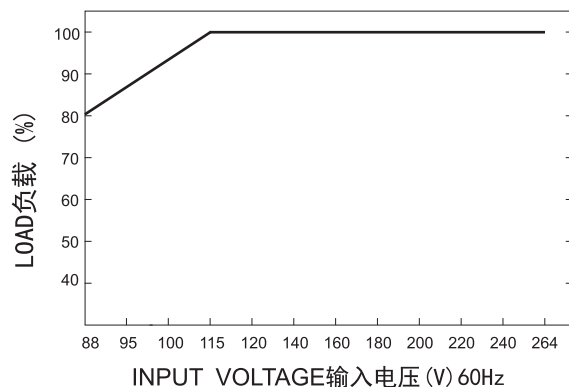
Unit单位: mm



■ Derating Curve 降额曲线



■ Output Derating VS Input Voltage 静态特性曲线



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