HVG-500W单组输出防水电源
HVG-500W Single output waterpoof power supply



概述 Summary

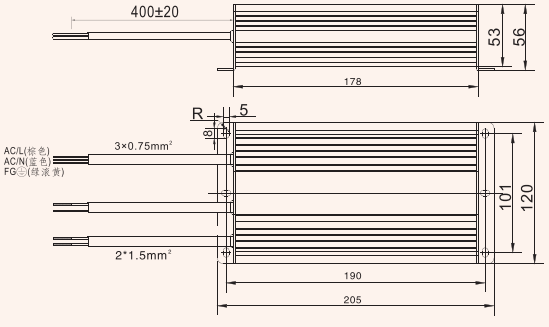
> 单组输出：功率500W
Single output: power 500W
> 输入电压: 300~500VAC
Input voltage: 300~500VAC

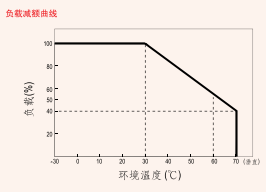
常见规格 General Specification

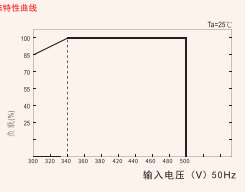
205 × 120 × 56mm

型号 Model / 性能 Specification	HVG-500-24	HVG-500-36	HVG-500-48	HVG-500-60
直流输出电压、电流 DC output voltage & current	24V 0～21A	36V 0～14A	48V 0～10.5A	60V 0～8.5A
纹波及噪音 Ripple & noise	300mVp-p	300mVp-p	350mVp-p	400mVp-p
电压精度 Voltage accuracy	±2%	±1.5%	±1.5%	±1.5%
线性调整率 Line regulation	±0.5%	±0.5%	±0.5%	±0.5%
负载调整率 Load regulation	±0.5%	±0.5%	±0.5%	±0.5%
启动、上升、保持时间 Start-up, rise, hold-up time	200ms, 30ms, 24ms/380VAC(满载时) At full load			
输入电压范围 Input voltage range	300~500VAC			
频率范围 Frequency range	47~63Hz			
交流输入电流 AC input current	3A/380VAC			
功率因数 Power factor	0.5~0.78			
效率 Efficiency	92%	92.5%	93.5%	94.5%
冲击电流 Inrush current	冷启动电流 Cold Start Inrush Current 30A/380VAC			
漏电流 Leakage current	<1mA/380VAC			
过电流保护 Overcurrent protection	额定输出电流的110%~135%启动过电流限制，异常条件移除后可自动恢复 110%~135% of the rated output current triggers overcurrent limitation, which can automatically recover after abnormal conditions are removed			
短路保护 Short circuit protection	保护方式:打隔模式，异常条件移除后可自动恢复正常输出 Protection method: Isolation mode, can automatically restore normal output after removing abnormal conditions			
过压保护 Overvoltage protection	额定输出电压的115%~135%启动过压保护。保护方式:打隔模式，异常条件移除后可自动恢复正常输出 Over-voltage protection activates at 115%~135% of rated output voltage. Protection mode: hiccup mode; auto-recovery after fault condition is removed.			
过温保护 Over-temperature protection	105℃±5℃ 保护方式:关闭输出电压，温度下降后可自动恢复正常输出 105℃±5℃ Protection method: Turn off the output voltage and automatically restore normal output after the temperature drops			
工作温度/湿度 Operating temperature & humidity	-30℃~+60℃ 20%~90%RH,无冷凝 no condensation			
保存温度/湿度 Storage temperature & humidity	-40℃~+85℃;10%~95%RH无冷凝 No condensation			
耐压性 Withstand voltage	输入输出间(I/P~O/P):1.5KVAC 输入与地(I/P~FG):1.5KVAC 输出与地(O/P~FG):0.5KVAC Input/output space (I/P~O/P): 1.5KVAC input to ground (I/P~FG): 1.5KVAC output to ground (O/P~FG): 0.5KVAC			
绝缘电阻 Insulation resistance	输入输出间(I/P~O/P),输入与地(I/P~FG),输出与地(O/P~FG):100M Ohms/500VDC/25℃/70%RH Input/output (I/P~O/P), input to ground (I/P~FG), output to ground (O/P~FG): 100M Ohms/500VDC/25℃/70% RH			
尺寸 Dimensions	205 × 120 × 56mm (L*W*H)			
包装 Packaging	2.05kg/10pcs/21.5kg/0.033m³			

外形尺寸 Overall dimension(mm)







引出线分配表

输入端（黑色三芯）		输出端（黑色二芯）	
棕色	AC/L	棕色	DC OUTPUT +V
蓝色	AC/N	蓝色	DC OUTPUT -V
绿浪黄	⏚：接大地		