HVG-400W单组输出防水电源
HVG-400W Single output waterpoof power supply

概述 Summary

> 单组输出：功率400W
Single output: power 400W
> 输入电压: 300~500VAC
Input voltage: 300~500VAC



205 × 69 × 43mm

常见规格 General Specification

型号 Model / 性能 Specification	HVG-400-12	HVG-400-24	HVG-400-36	HVG-400-48
直流输出电压、电流 DC output voltage & current	12V 0 ~ 33A	24V 0 ~ 16.5A	36V 0 ~ 11A	48V 0 ~ 8.3A
纹波及噪音 Ripple & noise	240mVp-p	300mVp-p	350mVp-p	400mVp-p
电压精度 Voltage accuracy	±3%	±2%	±2%	±2%
线性调整率 Line regulation	±0.5%	±0.5%	±0.5%	±0.5%
负载调整率 Load regulation	±2%	±0.5%	±0.5%	±0.5%
启动、上升、保持时间 Start-up, rise, hold-up time	200ms, 30ms, 20ms/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	2.5A/380VAC			
效率 Efficiency	91%	91.5%	92.5%	93%
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100%~130%启动过电流限制，异常条件移除后可自动恢复 100%~130% 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:降压模式，异常条件移除后可自动恢复正常输出 Protection method: Buck mode, can automatically restore normal output after abnormal conditions are removed			
过压保护 Overvoltage protection	额定输出电压的105%~125%启动过压保护。保护方式:降压模式，异常条件移除后可自动恢复正常输出 Over-voltage protection activates at 105%~125% of rated output voltage. Protection mode: step-down, auto-recovery when fault is removed.			
过温保护 Over-temperature protection	95℃ ± 10℃ 保护方式:降压和降电流模式，温度下降后可自动恢复正常输出 95℃ ± 10℃ Protection mode: step-down and current reduction, auto-recovery when temperature drops.			
工作温度/湿度 Operating temperature & humidity	-30℃~+70℃ 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			
抗震性 Vibration resistance	10~500Hz,3G 12min/1周期,X、Y、Z各轴，时长60分钟 10-500 Hz,3G, 12 min/cycle, 60 min each along X, Y, and Z axes			
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 × 69 × 43mm (L*W*H)			
包装 Packaging	0.93kg/20pcs/19.5kg/0.026m³			

外形尺寸 Overall dimension(mm)

