HVG–250W单组输出防水电源
HVG–250W Single output waterpoof power supply

概述 Summary

> 单组输出：功率250W
Single output: power 250W
> 输入电压: 300~500VAC
Input voltage: 300~500VAC

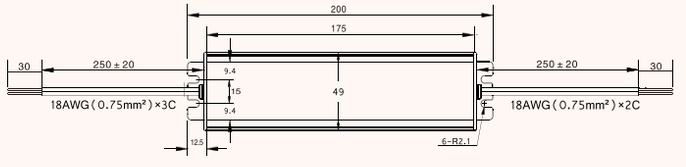


常见规格 General Specification

200×49×34mm

型号 Model / 性能 Specification	HVG–250–12	HVG–250–24	HVG–250–36	HVG–250–48
直流输出电压、电流 DC output voltage & current	12V 0～20A	24V 0～10.5A	36V 0～7A	48V 0～5.2A
纹波及噪音 Ripple & noise	240mVp–p	240mVp–p	300mVp–p	300mVp–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	500ms, 80ms, 16ms/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	1.5A/380VAC			
效率 Efficiency	90.5%	91%	92%	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95%~108%启动过电流限制，异常条件移除后可自动恢复 95%~108% 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			
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,3G10min/1周期,X、Y、Z各轴，时长60分钟 10–500 Hz,3G, 10 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			
电磁兼容发射 EMC emissions	符合 Compliant with EN55022 Class A.GB17625.1,EN55015			
电磁兼容抗扰度 EMC immunity	符合 Compliant with EN55024			
尺寸 Dimensions	200×49×34mm (L*W*H)			
包装 Packaging	0.65kg/30pcs/20.5kg/0.025m³			

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		

