



WH-D08401210 DC-DC转换器

WH-D08401210 Series DC DC converter

Summary

- > 额定输出：功率 120W
Rated output: power 120W
- > 输入电压：12/24VDC
Input voltage: 12/24VDC
- > 线长：160mm ± 10mm
Wire Length: 160mm ± 10mm



General specification

74 × 74 × 32mm

Specification	Model	WH-D08401210
额定输出功率 Rated output power		120W
额定输入电压 Rated input voltage		12V/24VDC
额定输出电压 Rated output voltage		12VDC
输入电压范围 Input voltage range		8V-40VDC
输入启动电压 Input starting voltage		8VDC 100%负载 Load
空载功耗 No-load power consumption		< 0.3W
效率 Efficiency		93%
输出电压 Output voltage		12VDC
输出电流 Output current		10A
电压调整率 Voltage tolerance		1%
负载调整率 Load regulation		3%
纹波电压 Wave(mvp-p)		220mv 外接22UF 电容 ESR<0.1Ω 100KHZ 220mv External 22UF capacitor ESR < 0.1 Ω 100KHZ
过流保护 Over current protection		额定输出情况下，大于额定电流 10.5A ± 1A，过流保护动作，过流消失后自动恢复(降电压模式) Under rated output conditions, when the current exceeds 10.5A ± 1A, overcurrent protection is triggered. After the overcurrent condition disappears, it automatically recovers (voltage reduction mode).
短路保护 Short circuit protection		等于最大电流 10.5A ± 1A 输出电压 0V Equal to maximum current 10.5A ± 1A output voltage 0V
输入—输出 Input—output		非隔离 Non-isolated
防水 Waterproof		全密封防水 Fully sealed and waterproof
尺寸 Dimension		74 × 74 × 32mm
重量 N.W.		300g
冷却方式 Cooling method		自然冷却 Natural Method
额定值温升 Rated temperature rise		45°C
可靠性 Reliability		> 100000h
接线说明 Wire indicator		16AWG 输入正(红色)，输入负(黑色) 18AWG 输出 正(黄色)输出 负(黑色)引线长度=160mm ± 10mm 16AWG input positive (red), input negative (black); 18AWG output positive (yellow), output negative (black); lead length=160mm ± 10mm

PIC和安装尺寸

PIC and installation dimensions

