



WH-C241240 DC-DC转换器

WH-C241240 Series DC DC converter

Summary

- > 额定输出：功率 480W
Rated output: power 480W
- > 输入电压：24VDC
Input voltage: 24VDC



General specification

100 × 80 × 38mm

Specification	Model	WH-C241240
额定输出功率 Rated output power		480W
额定输入电压 Rated input voltage		24VDC
额定输出电压 Rated output voltage		12VDC
电压 Voltage range		18V-32VDC
启动电压 Starting voltage		18VDC 100%负载 Load
空载功耗 No-load power consumption		< 3W
效率 Efficiency		95%
电压 Voltage		VOUT:12VDC
电流 Current		40A
电压调整率 Voltage tolerance		1%
负载调整率 Load regulation		3%
纹波电压 Wave(mvp-p)		150mv 外接22UF 电容 ESR<0.1Ω 100KHZ 150mv External 22UF capacitor ESR < 0.1 Ω 100KHZ
过流保护 Over current protection		在额定输出的情况下，大于额定电流150%，过电流保护将起作用，过电流消失后，它将自动恢复。 In the case of rated output, if the current exceeds 150% of the rated current, the overcurrent protection will act, and it will automatically recover after the overcurrent disappears.
输出短路保护 Short circuit protection		输入需加 42A 保险丝 Input requires adding a 42A fuse
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		100×80×38mm
重量 N.W.		700g
冷却方式 Cooling method		自然冷却 Natural Method
额定值温升 Rated temperature rise		45℃
可靠性 Reliability		> 100000h
接线说明 Wire indicator		输入正（红色）12AWG，输入输出负（黑色）12AWG，输出正（黄色）12AWG 引线长度=160mm ± 10mm Input positive (red) 12AWG, input/output negative (black) 12AWG, output positive (yellow) 12AWG, lead length=160mm ± 10mm

PIC和安装尺寸

PIC and installation dimensions

