WH–C241220 DC–DC转换器
WH–C241220 Series DC DC converter



Summary

> 额定输出：功率 240W
Rated output: power 240W

> 输入电压：24VDC
Input voltage: 24VDC

General specification

74 × 74 × 32mm

Specification / Model	WH–C241220
额定输出功率 Rated output power	240W
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	＜ 4W
效率 Efficiency	95%
电压 Voltage	VOUT:12VDC
电流 Current	20A
电压调整率 Voltage tolerance	1%
负载调整率 Load regulation	3%
纹波电压 Wave(mvp–p)	100mv　外接22UF 电容 ESR<0.1Ω 100KHZ 100mv　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120%，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 120% 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	等于最大电流 25A 输出电压 0V Equivalent to a maximum current of 25A and an output voltage of 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℃
可靠性 Reliability	＞100000h
接线说明 Wire indicator	输入正（红色），输入 输出负（黑色），，输出正（黄色）引线长度=160mm ± 10mm Input positive (red), input output negative (black), output positive (yellow), lead length=160mm ± 10mm

PIC和安装尺寸
PIC and installation dimensions

