



WH-C481220 Series DC DC converter

Summary

- > Rated output: power 240W
- > Input voltage: 48VDC



General specification

74 × 74 × 32mm

Specification	Model	WH-C481220
Rated output power		240W
Rated input voltage		48VDC
Rated output voltage		12VDC
Voltage range		30V-60VDC
Starting voltage		30VDC 100% Load
No-load power consumption		< 4W
Efficiency		95%
Voltage		12VDC
Current		20A
Voltage tolerance		1%
Load regulation		3%
Wave(mvp-p)		100mv External 22UF capacitor ESR < 0.1 Ω 100KHZ
Over current protection		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.
Short circuit protection		Equivalent to a maximum current of 18A and an output voltage of 0V
Input—output		Non-isolated
Waterproof		Fully sealed and waterproof
Dimension		74×74×32mm
N.W.		300g
Cooling method		Natural Method
Rated temperature rise		45°C
Reliability		> 100000h
Wire indicator		Input positive (red), input output negative (black), output positive (yellow), lead length=160mm ± 10mm

PIC and installation dimensions

