



WH-C241240 Series DC DC converter

Summary

- > Rated output: power 480W
- > Input voltage: 24VDC



General specification

100 × 80 × 38mm

Specification	Model	WH-C241240
Rated output power		480W
Rated input voltage		24VDC
Rated output voltage		12VDC
Voltage range		18V-32VDC
Starting voltage		18VDC 100% Load
No-load power consumption		< 3W
Efficiency		95%
Voltage		VOUT:12VDC
Current		40A
Voltage tolerance		1%
Load regulation		3%
Wave(mvp-p)		150mv External 22UF capacitor ESR < 0.1 Ω 100KHZ
Over current protection		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.
Short circuit protection		Input requires adding a 42A fuse
Input—output		Non-isolated
Waterproof		Fully sealed and waterproof
Dimension		100×80×38mm
N.W.		700g
Cooling method		Natural Method
Rated temperature rise		45°C
Reliability		> 100000h
Wire indicator		Input positive (red) 12AWG, input/output negative (black) 12AWG, output positive (yellow) 12AWG, lead length=160mm ± 10mm

PIC and installation dimensions

