



WH-C241220 Series DC DC converter

Summary

- > Rated output: power 240W
- > Input voltage: 24VDC



General specification

74 × 74 × 32mm

| Specification | Model | WH-C241220 |
|---------------------------|-------|---|
| Rated output power | | 240W |
| Rated input voltage | | 24VDC |
| Rated output voltage | | 12VDC |
| Voltage range | | 18V-32VDC |
| Starting voltage | | 18VDC 100% Load |
| No-load power consumption | | < 4W |
| Efficiency | | 95% |
| Voltage | | VOUT: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 25A 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

