



## WH-B244855 Series DC DC converter

### Summary

- > Rated output: power 2640W
- > Input voltage: 24VDC



### General specification

220 × 156 × 65mm

Specification	Model	WH-B244855
Rated output power		2640W
Rated input voltage		24VDC
Rated output voltage		48VDC
Voltage range		18V-32VDC
Starting voltage		18VDC 100% Load
No-load power consumption		< 1W
Efficiency		94%
Voltage		48VDC
Current		55A
Voltage tolerance		1%
Load regulation		3%
Wave(mvp-p)		500mv 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		Input requires adding a 200A fuse
Input—output		Non-isolated
Waterproof		Fully sealed and waterproof
Dimension		220×156×65mm
N.W.		3000g
Cooling method		Natural Method
Rated temperature rise		45°C
Reliability		> 100000h
Wire indicator		INPUT input positive 24V GND input output negative OUTPUT output positive 48V

### PIC and installation dimensions

