

Input voltage	Output voltage	Output current	Output power	Efficiency	Size
20-30V DC	48V DC	42 Amps	2000 Watts	96%	220*127*63mm



Features

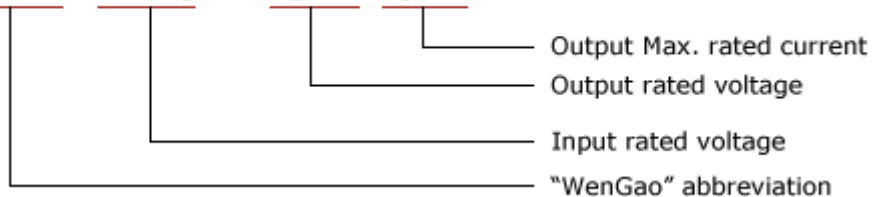
- Design meeting RoHS / CE
- High efficiency: 96% (@ 24V input)
- Non-isolated between input and output
- Internal capacitor: NCC & NICHICON (high reliability)
- 100% full load burn-in test
- Over load, Over temperature and Over voltage protections
- Waterproof level IP68
- 1 Year warranty

Applications

- Trucks
- Forklifts
- Buses
- Logging Vehicles
- Electromotor
- Telecommunications
- Boat & Yacht
- LED Marketplaces and so on..

Model naming method

WG-24S4842





Specifications

Model	WG-24S4842		
Input	Rated voltage	V	24
	Voltage range	V	20-30
	Efficiency (type)	%	96 @ 24Vin
Output	Voltage	V	48
	Max. rated current	A	42
	Max. rated power	W	2000
	Voltage regulation	%	±1
	Load regulation	%	2
	No load loss	mA	60 @ 24Vin
	Ripple & noise	mVp-p	300 (full load)
Environment	Working temperature	°c	-40 ~ +80
	Working humidity	RH	10% ~ 90%
	Storage temperature	°c	-40 ~ +100
Function	Short circuit protection		NO
	Over current protection		YES
	Waterproof		IP68
	Over temperature protection		YES
	Over voltage protection		YES
Mechanical	Weight	g	2350
	Size	mm	220*127*63
Other	Cooling		Free air convection
	Packaging		Brown box

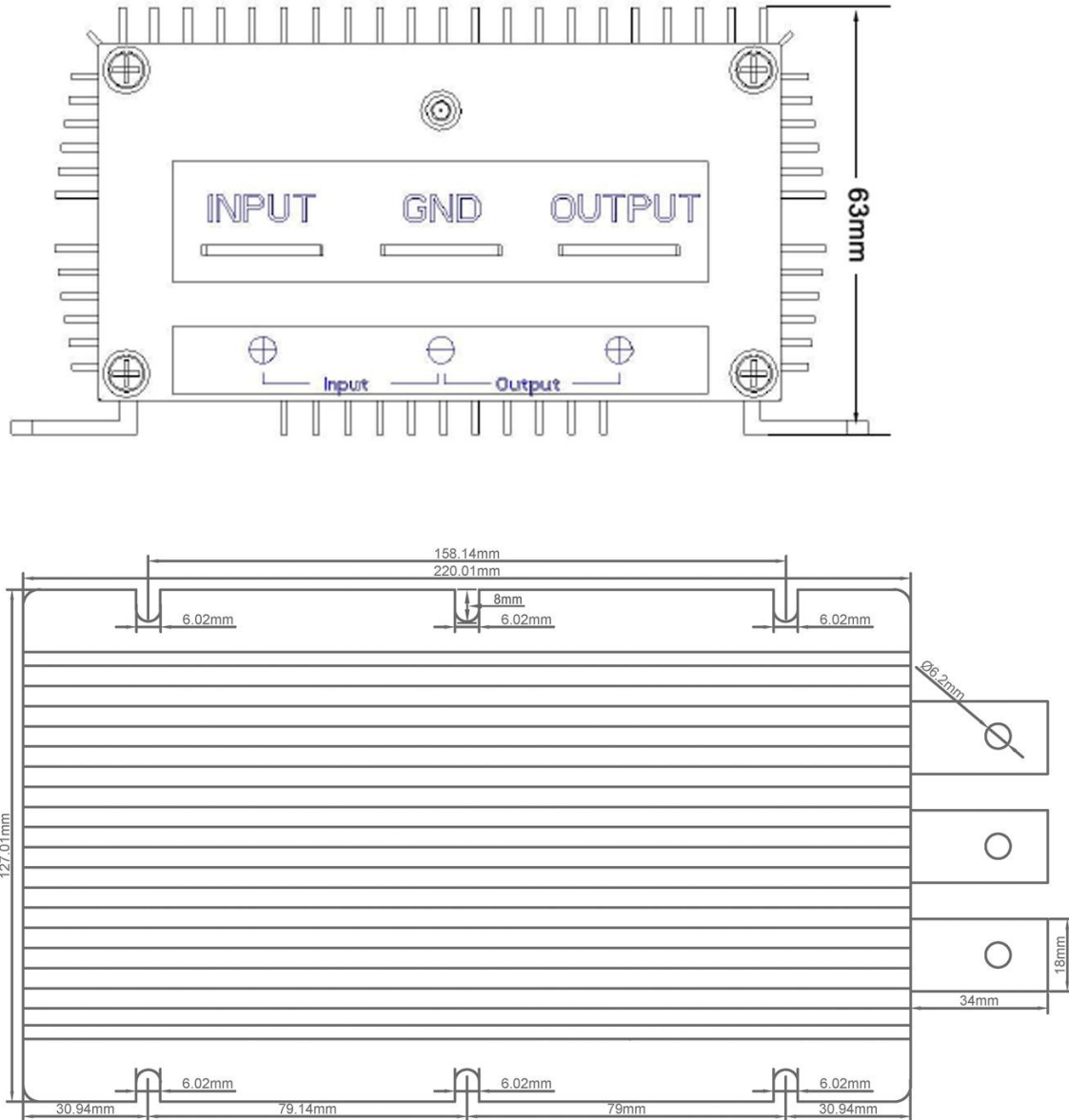


szwengao

DC-DC Converter Specification

Model No.:WG-24S4842

Dimension



Shenzhen Wengao Electronic Co., Ltd

A: 2/F A, Bldg.A2, Anle Ind. Hangcheng RD., Xixiang Street, Baoan Dist., Shenzhen, China 518102

T: +86 755 29418061

F: +86 755 29418061

E: info@wengaoelec.com

W: www.wengaoelec.com