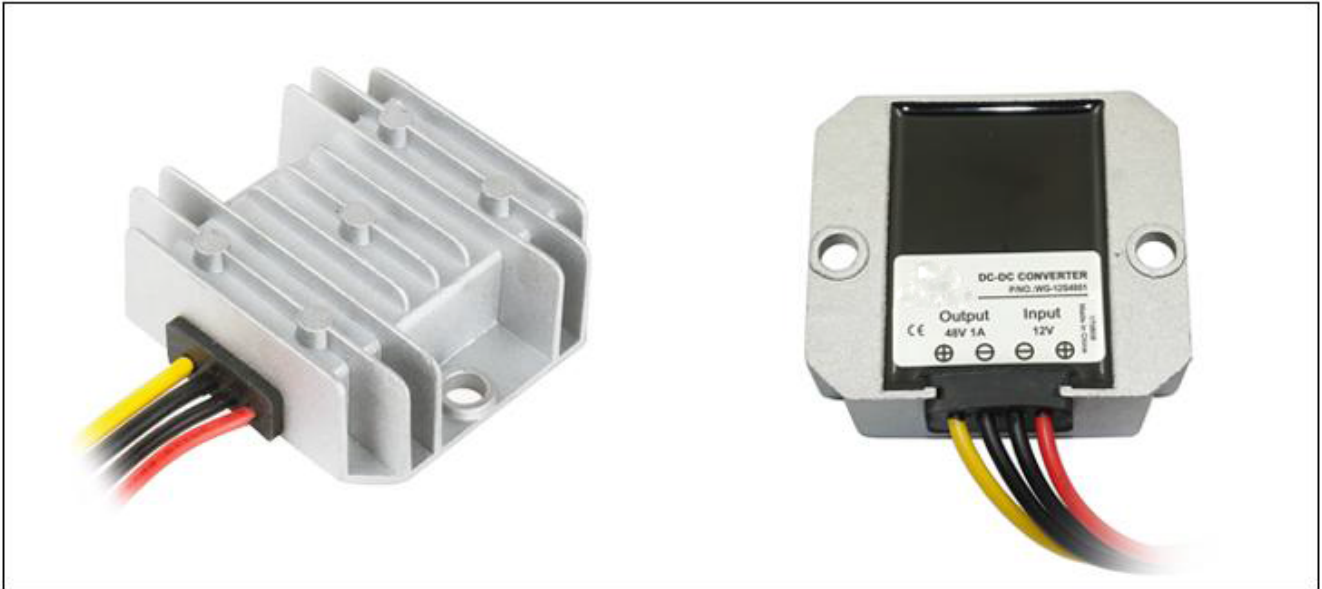


Input voltage	Output voltage	Output current	Output power	Efficiency	Size
10-30V DC	48V DC	1 Amps	48 Watts	94%	57*64*22mm



### Features

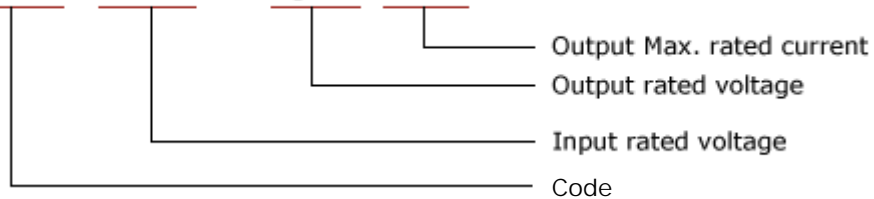
- Design meeting RoHS / CE
- High efficiency: 94% ( @ 12V input )
- Non-isolated between input and output
- Internal capacitor: NCC & NICHICON (high reliability)
- 100% full load burn-in test
- Over load, Over temperature and Over voltage protections
- Waterproof level IP68
- 1 Year warranty

### Applications

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

### Model naming method

**WG-12S4801**



### Specifications

Model	WG-12S4801		
Input	Rated voltage	V	12
	Voltage range	V	10-30
	Efficiency (type)	%	94% @ 12V input
	Positive cable (red)	AWG	18 @ 16.5cm length
	Negative cable (black)	AWG	18 @ 16.5cm length
Output	Voltage	V	48
	Max. rated current	A	1
	Max. rated power	W	48
	Voltage regulation	%	±1
	Load regulation	%	2
	No load loss	mA	50 @ 12V input
	Ripple & noise	mVp-p	160 (full load)
	Positive cable (yellow)	AWG	18 @ 16.5cm length
	Negative cable (black)	AWG	18 @ 16.5cm length
Environment	Working temperature	°c	-40 ~ +80
	Working humidity	RH	10% ~ 90%
	Storage temperature	°c	-55 ~ +125
Function	Short circuit protection		NO
	Over current protection		YES
	Waterproof		IP68
	Over temperature protection		YES
	Over voltage protection		YES
Mechanical	Weight	g	108
	Size	mm	57*64*22
Other	Cooling		Free air convection
	Packaging		White box

### Dimension

