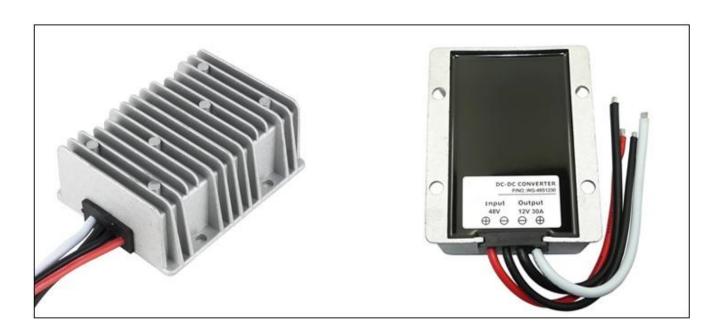




Input voltage	Output voltage	Output current	Output power	Efficiency	Size
35-60V DC	12V DC	30 Amps	360 Watts	95%	100*80*39mm



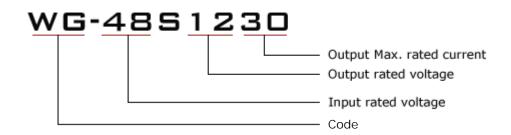
#### **Features**

- Design meeting RoHS / CE
- High efficiency: 95% (@ 48V 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..

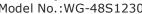
### **Model naming method**





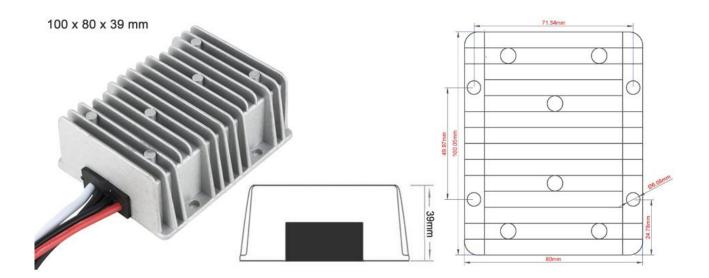
# **Specifications**

Model	WG-48S1230					
	Rated voltage	V	48			
	Voltage range	V	35-60			
Input	Efficiency (type)	%	95 @ 48V input			
	Positive cable (red)	AWG	14 @ 15cm length			
	Negative cable (black)	AWG	14 @ 15cm length			
	Voltage	V	12			
	Max. rated current	А	30			
	Max. rated power	W	360			
	Voltage regulation	%	±1			
Output	Load regulation	%	2			
	No load loss	mA	60 @ 48V input			
	Ripple & noise	mV	160-210 (full load)			
	Positive cable (white)	AWG	12 @ 15cm length			
	Negative cable (black)	AWG	12 @ 15cm length			
Environment	Working temperature	°C	-40 ~ +80			
	Working humidity	RH	10% ~ 90%			
	Storage temperature	°C	-40 ~ +100			
	Short circuit protection		YES			
	Over current protection	А	@ 35~40A			
Function	Waterproof		IP68			
	Over temperature protection		YES			
	Over voltage protection		YES			
Mechanical	Weight	g	480			
	Size	mm	100*80*39			
Othor	Cooling		Free air convection			
Other	Packaging		White box			





### **Dimension**



sales@ato.com