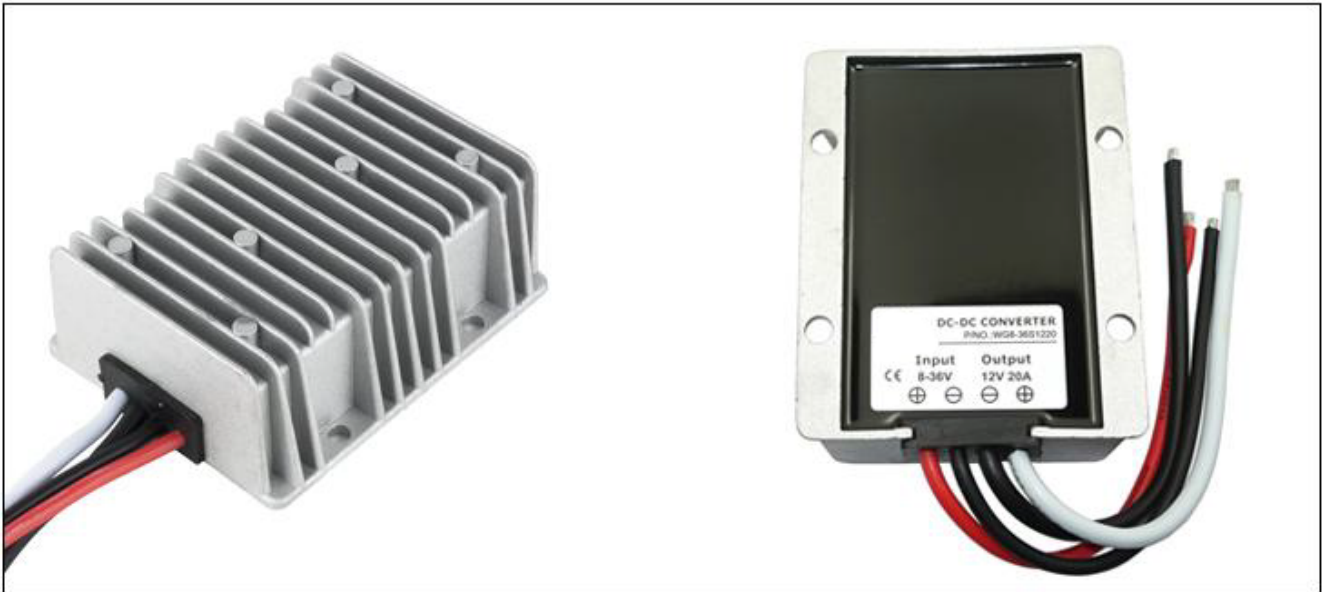


Input voltage	Output voltage	Output current	Output power	Efficiency	Size
8-36V DC	12V DC	20 Amps	240 Watts	96%	100*80*39mm



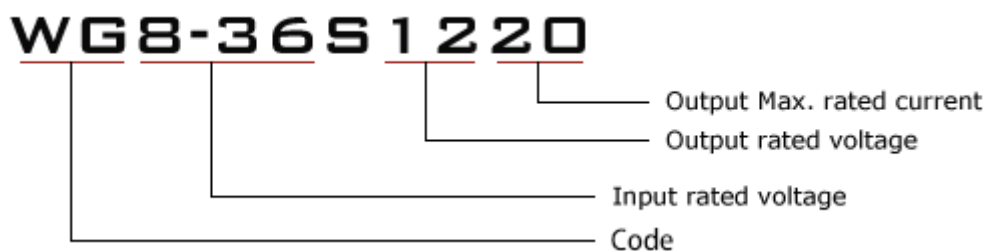
### Features

- Design meeting RoHS / CE
- High efficiency: 96% ( @ 12V input )
- Non-isolated between input and output
- Internal capacitor: NCC & NICHICON (high reliability)
- 100% full load burn-in test
- Short circuit, Over load, Over temperature 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	WG8-36S1220		
Input	Rated voltage	V	12/24
	Voltage range	V	8-36
	Efficiency (type)	%	96% @ 12V input
	Positive cable (red)	AWG	12 @ 16cm length
	Negative cable (black)	AWG	12 @ 16cm length
Output	Voltage	V	12
	Max. rated current	A	20
	Max. rated power	W	240
	Voltage regulation	%	±1
	Load regulation	%	2
	No load loss	mA	90
	Ripple & noise	mV	160
	Positive cable (white/yellow)	AWG	14 @ 16cm length
	Negative cable (black)	AWG	14 @ 16cm length
Environment	Working temperature	°c	-35 ~ +80
	Working humidity	RH	10% ~ 90%
	Storage temperature	°c	-50 ~ +125
Function	Short circuit protection		YES
	Over load protection		YES
	Waterproof		IP68
	Over temperature protection		YES
	Over voltage protection		YES
Mechanical	Weight	g	480
	Size	mm	100*80*39
Other	Cooling		Free air convection
	Packaging		White box

### Dimension

