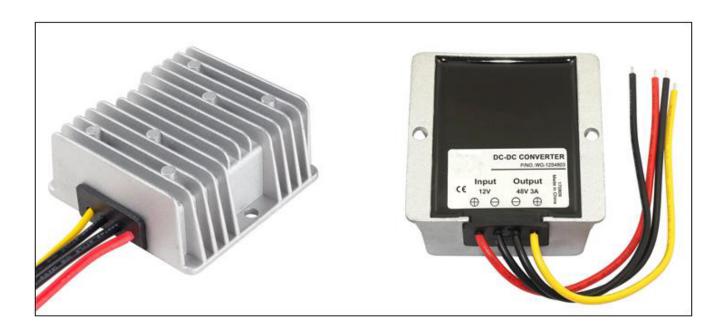


Input voltage	Output voltage	Output current	Output power	Efficiency	Size
28-63V DC	12V DC	20 Amps	240 Watts	94%	74*74*32mm



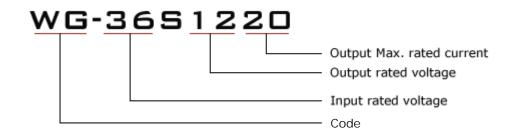
### **Features**

- Design meeting RoHS / CE
- High efficiency: 94% ( @ 36V 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-36S1220				
Input	Rated voltage	V	36			
	Voltage range	V	28-63			
	Efficiency (type)	%	94 @ 36V input			
	Positive cable (red)	AWG	16 @ 15cm length			
	Negative cable (black)	AWG	16 @ 15cm length			
Output	Voltage	V	12			
	Max. rated current	Α	20			
	Max. rated power	W	240			
	Voltage regulation	%	±1			
	Load regulation	%	2			
	No load loss	mA	40 @ 36V input			
	Ripple & noise	mV	160-200 (full load)			
	Positive cable (yellow)	AWG	14 @ 15cm length			
	Negative cable (black)	AWG	14 @ 15cm length			
Environment	Working temperature	°C	-40 ~ +80			
	Working humidity	RH	10% ~ 90%			
	Storage temperature	°C	-40 ~ +100			
Function	Short circuit protection		YES			
	Over current protection	Α	@ 22~23A			
	Waterproof		IP68			
	Over temperature protection		YES			
	Over voltage protection		YES			
Mechanical	Weight	g	280			
	Size	mm	74*74*32			
Other	Cooling		Free air convection			
	Packaging		White box			



## **Dimension**

