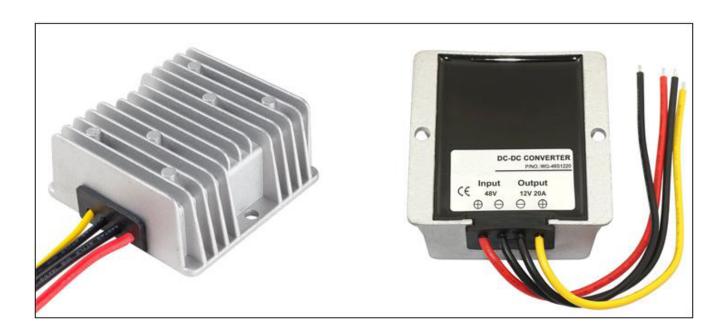


Inp	ut voltage	Output voltage	Output current	Output power	Efficiency	Size
35	-60V DC	12V DC	20 Amps	240 Watts	94%	74*74*32mm



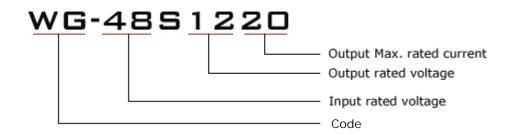
Features

- Design meeting RoHS / CE
- High efficiency: 94% (@ 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

WG-48S1220				
Rated voltage	V	48		
Voltage range	V	35-60		
Efficiency (type)	%	94 @ 48V input		
Positive cable (red)	AWG	16 @ 15cm length		
Negative cable (black)	AWG	16 @ 15cm length		
Voltage	V	12		
Max. rated current	Α	20		
Max. rated power	W	240		
Voltage regulation	%	±1		
Load regulation	%	2		
No load loss	mA	40 @ 48V input		
Ripple & noise	mV	160-200 (full load)		
Positive cable (yellow)	AWG	14 @ 15cm length		
Negative cable (black)	AWG	14 @ 15cm length		
Working temperature	°C	-40 ~ +80		
Working humidity	RH	10% ~ 90%		
Storage temperature	°C	-40 ~ +100		
Short circuit protection		YES		
Over current protection	Α	@ 22~23A		
Waterproof		IP68		
Over temperature protection		YES		
Over voltage protection		YES		
Weight	g	280		
Size	mm	74*74*32		
Cooling		Free air convection		
Packaging		White box		
	Voltage range Efficiency (type) Positive cable (red) Negative cable (black) Voltage Max. rated current Max. rated power Voltage regulation Load regulation No load loss Ripple & noise Positive cable (yellow) Negative cable (black) Working temperature Working humidity Storage temperature Short circuit protection Over current protection Over temperature protection Over voltage protection Weight Size Cooling	Voltage range Efficiency (type) % Positive cable (red) AWG Negative cable (black) AWG Voltage V Max. rated current A Max. rated power W Voltage regulation % Load regulation % No load loss mA Ripple & noise mV Positive cable (yellow) AWG Negative cable (black) AWG Working temperature °c Working humidity RH Storage temperature °c Short circuit protection Over current protection Over temperature protection Over voltage protection Weight g Size mm Cooling		



Dimension

