

Input voltage	Output voltage	Output current	Output power	Efficiency	Size
35-60V DC	24V DC	20 Amps	480 Watts	97%	100*80*39mm



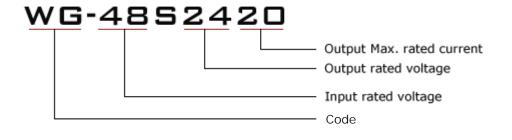
### **Features**

- Design meeting RoHS / CE
- High efficiency: 97% ( @ 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-48S2420			
Input	Rated voltage	V	48	
	Voltage range	V	35-60	
	Efficiency (type)	%	97 @ 48V input	
	Positive cable (red)	AWG	14 @ 15cm length	
	Negative cable (black)	AWG	14 @ 15cm length	
Output	Voltage	V	24	
	Max. rated current	А	20	
	Max. rated power	W	480	
	Voltage regulation	%	±1	
	Load regulation	%	2	
	No load loss	mA	70 @ 48V input	
	Ripple & noise	mV	240-250 (full load)	
	Positive cable (white)	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	А	@ 28~30A	
	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

