

Input voltage	Output voltage	Output current	Output power	Efficiency	Size
35-60V DC	12V DC	50 Amps	600 Watts	95%	150*127*63mm



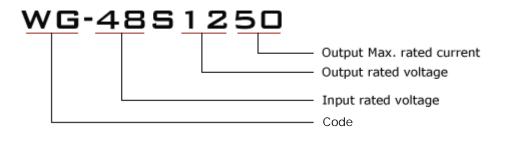
Features

- 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-48S1250				
Input	Rated voltage	V	48		
	Voltage range	V	35-60		
	Efficiency (type)	%	95 @ 48V input		
Output	Voltage	V	12		
	Max. rated current	А	50		
	Max. rated power	W	600		
	Voltage regulation	%	±1		
	Load regulation	%	2		
	No load loss	mA	70 @ 48V input		
	Ripple & noise	mV	100-150 (full load)		
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	@ 65-67A		
	Waterproof		IP68		
	Over temperature protection		YES		
	Over voltage protection		YES		
Mechanical	Weight	g	1400		
	Size	mm	150*127*63		
Other	Cooling		Free air convection		
	Packaging		Brown box		



Dimension



