

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



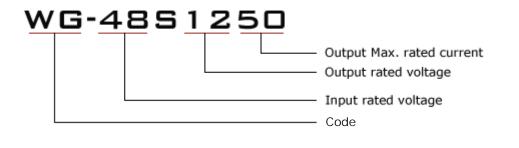
Features

- 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



6)



Specifications

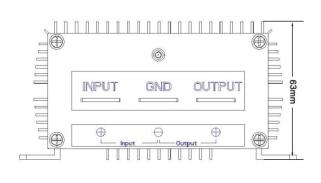
WG-48S1250			
Rated voltage	V	48	
Voltage range	V	35-60	
Efficiency (type)	%	95 @ 48V input	
Voltage	V	12	
Max. rated current	А	50	
Max. rated power	W	600	
Voltage regulation	%	±1	
Load regulation	%	2	
No load loss	mA	70 @ 48V input	
Ripple & noise	mV	100-150 (full load)	
Working temperature	°c	-40 ~ +80	
Working humidity	RH	10% ~ 90%	
Storage temperature	°c	-40 ~ +100	
Short circuit protection		YES	
Over current protection	А	@ 65-67A	
Waterproof		IP68	
Over temperature protection		YES	
Over voltage protection		YES	
Weight	g	1400	
Size	mm	150*127*63	
Cooling		Free air convection	
Packaging		Brown box	
	Voltage rangeEfficiency (type)VoltageMax. rated currentMax. rated powerVoltage regulationLoad regulationNo load lossRipple & noiseWorking temperatureWorking humidityStorage temperatureShort circuit protectionOver current protectionWaterproofOver temperature protectionOver voltage protectionWeightSizeCooling	Voltage rangeVEfficiency (type)%VoltageVMax. rated currentAMax. rated powerWVoltage regulation%Load regulation%No load lossmARipple & noisemVWorking temperature°cWorking humidityRHStorage temperature°cShort circuit protectionAWaterproofOver current protectionOver temperature protectionQSizemmCoolingCooling	

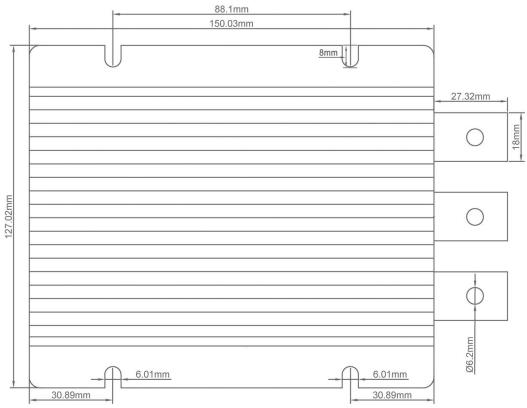




Dimension







e www.ato.com