

Input voltage	Output voltage	Output current	Output power	Efficiency	Size
30-50V DC	12V DC	50 Amps	600 Watts	95%	150*127*63mm



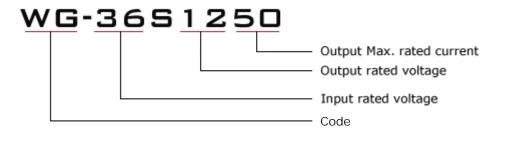
Features

- Design meeting RoHS / CE
- High efficiency: 95% (@ 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

WG-36S1250		
Rated voltage	V	36
Voltage range	V	30-50
Efficiency (type)	%	95 @ 36V 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 @ 36V 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 regulationLoad regulationNo load lossRipple & noiseWorking temperatureWorking humidityStorage temperatureShort circuit protectionOver current protectionOver 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 temperature protectionOver voltage protectiongSizemmCoolingCooling





Dimension



