



1	Input voltage	Output voltage	Output current	Output power	Efficiency	Size
	28-63V DC	12V DC	20 Amps	240 Watts	94%	74*74*32mm



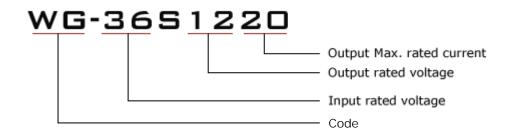
Features

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

Model			WG-36S1220		
	Rated voltage	V	36		
	Voltage range	V	28-63		
Input	Efficiency (type)	%	94 @ 36V 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		
Output	Load regulation	%	2		
	No load loss	mA	40 @ 36V 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		
Environment	Working humidity	RH	10% ~ 90%		
	Storage temperature	°C	-40 ~ +100		
	Short circuit protection		YES		
	Over current protection	Α	@ 22~23A		
Function	Waterproof		IP68		
	Over temperature protection		YES		
	Over voltage protection		YES		
Machanian	Weight	g	280		
Mechanical	Size	mm	74*74*32		
Other	Cooling		Free air convection		
other	Packaging		White box		





Dimension

