

Input voltage	Output voltage	Output current	Output power	Efficiency	Size
10-16V DC	24V DC	1 Amps	24 Watts	95%	57*64*22mm



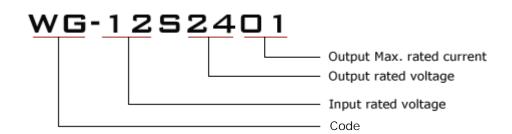
Features

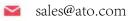
- Design meeting RoHS / CE
- High efficiency: 95% (@ 12V input)
- Non-isolated between input and output
- Internal capacitor: NCC & NICHICON (high reliability)
- 100% full load burn-in test
- Over load, Over temperature and Over voltage protections
- Waterproof level IP68
- 1 Year warranty

Applications

- Trucks
- Forklifts
- Buses
- Logging Vehicles
- Electromotor
- Telecommunications
- Boat & Yacht
- LED Marketplaces and so on..

Model naming method









Specifications

Model		WG-12S2401				
Input	Rated voltage	V	12			
	Voltage range	V	10-16			
	Efficiency (type)	%	95% @ 12V input			
	Positive cable (red)	AWG	18 @ 16.5cm length			
	Negative cable (black)	AWG	18 @ 16.5cm length			
Output	Voltage	V	24			
	Max. rated current	А	1			
	Max. rated power	W	24			
	Voltage regulation	%	±1			
	Load regulation	%	2			
	No load loss	mA	28 @ 12V input			
	Ripple & noise	mV	200 (full load)			
	Positive cable (yellow)	AWG	18 @ 16.5cm length			
	Negative cable (black)	AWG	18 @ 16.5cm length			
Environment	Working temperature	°C	-40 ~ +80			
	Working humidity	RH	10% ~ 90%			
	Storage temperature	°C	-40 ~ +100			
Function	Short circuit protection		NO			
	Over current protection	Α	@ 4~5			
	Waterproof		IP68			
	Over temperature protection		YES			
	Over voltage protection		YES			
Mechanical	Weight	g	108			
	Size	mm	57*64*22			
Other	Cooling		Free air convection			
	Packaging		White box			





Dimension

