



Input voltage	Output voltage	Output current	Output power	Efficiency	Size
9-23V DC	24V DC	3 Amps	72 Watts	95%	74*74*32mm



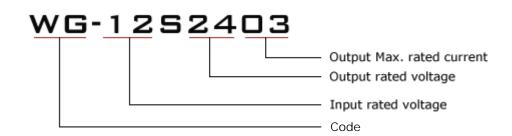
#### **Features**

- 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-12S2403				
Input	Rated voltage	V	12		
	Voltage range	V	9-23		
	Efficiency (type)	%	95% @ 12V input		
	Positive cable (red)	AWG	16 @ 14.5cm length		
	Negative cable (black)	AWG	16 @ 14.5cm length		
Output	Voltage	V	24		
	Max. rated current	Α	3		
	Max. rated power	W	72		
	Voltage regulation	%	±1		
	Load regulation	%	2		
	No load loss	mA	50 @ 12V input		
	Ripple & noise	mV	200 (full load)		
	Positive cable (yellow)	AWG	16 @ 14.5cm length		
	Negative cable (black)	AWG	16 @ 14.5cm 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	YES		
	Waterproof		IP68		
	Over temperature protection		YES		
	Over voltage protection		YES		
Mechanical	Weight	g	280		
	Size	mm	74*74*32		
Other	Cooling		Free air convection		
	Packaging		White box		





### Dimension

