



Input voltage	Output voltage	Output current	Output power	Efficiency	Size
10-30V DC	48V DC	3 Amps	144 Watts	92%	74*74*32mm



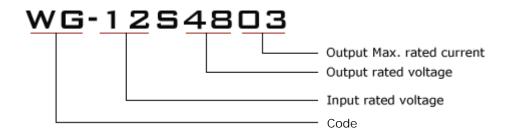
#### **Features**

- Design meeting RoHS / CE
- High efficiency: 92% (@ 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**







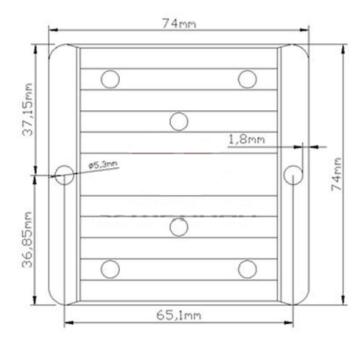


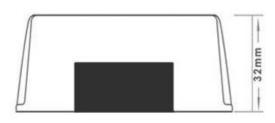
# **Specifications**

Model		WG-12S4803				
Input	Rated voltage	V	12			
	Voltage range	V	10-30			
	Efficiency (type)	%	92 @ 12Vin			
	Positive cable (red)	AWG	14 @ 15cm length			
	Negative cable (black)	AWG	14 @ 15cm length			
Output	Voltage	V	48			
	Max. rated current	Α	3			
	Max. rated power	W	144			
	Voltage regulation	%	±1			
	Load regulation	%	2			
	No load loss	mA	40 @ 12Vin			
	Ripple & noise	mV	210 (full load)			
	Positive cable (yellow)	AWG	16 @ 15cm length			
	Negative cable (black)	AWG	16 @ 15cm 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		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**





sales@ato.com