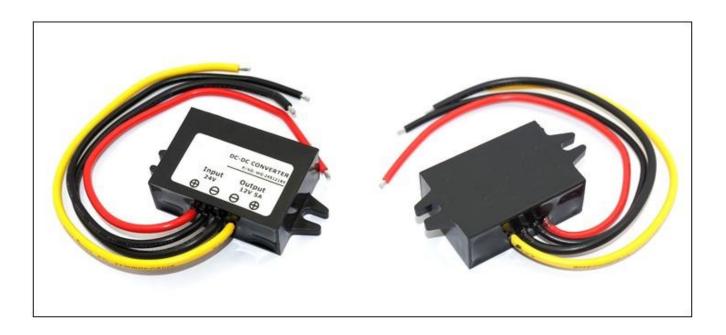




Input voltage	Output voltage	Output current	Output power	Efficiency	Size
18-36V DC	12V DC	1.5 Amps	18 Watts	92%	66*34*22mm



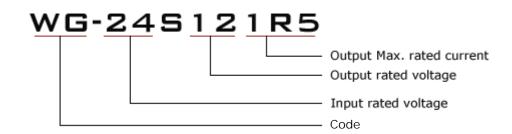
#### **Features**

- Design meeting RoHS / CE
- High efficiency: 92% (@ 24V input)
- Non-isolated between input and output
- Internal capacitor: NCC & NICHICON (high reliability)
- 100% full load burn-in test
- Short circuit, Over load, Over temperature 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**







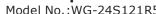
## **Specifications**

Model		WG-24S121R5				
Input	Rated voltage	V	24			
	Voltage range	V	18-36			
	Efficiency (type)	%	92% @ 24Vin			
	Positive cable (red)	AWG	18 @ 16.5cm length			
	Negative cable (black)	AWG	18 @ 16.5cm length			
Output	Voltage	V	12			
	Max. rated current	Α	1.5			
	Max. rated power	W	18			
	Voltage regulation	%	±1			
	Load regulation	%	2			
	No load loss	mA	15			
	Ripple & noise	mV	65			
	Positive cable (yellow)	AWG	18 @ 16.5cm length			
	Negative cable (black)	AWG	18 @ 16.5cm length			
Environment	Working temperature	°c	-35 ~ +80			
	Working humidity	RH	10% ~ 90%			
	Storage temperature	°c	-40 ~ +85			
Function	Short circuit protection		YES			
	Over load protection		YES			
	Waterproof		IP68			
	Over temperature protection		YES			
	Over voltage protection		YES			
Mechanical	Weight	g	80			
	Size	mm	66*34*22			
Other	Cooling		Free air convection			
	Packaging		Anti-static bag			











#### **Dimension**

