

Input voltage	Output voltage	Output current	Output power	Efficiency	Size
18-36V DC	12V DC	40 Amps	480 Watts	96%	100*80*39mm



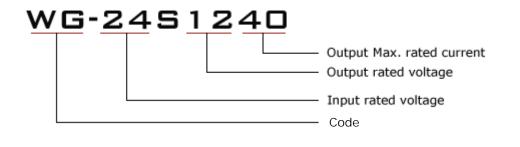
### Features

- Design meeting RoHS / CE
- High efficiency: 96% (@ 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-24S1240		
Input	Rated voltage	V	24		
	Voltage range	V	18-36		
	Efficiency (type)	%	96% @ 24V input		
	Positive cable (red)	AWG	12 @ 16.5cm length		
	Negative cable (black)	AWG	12 @ 16.5cm length		
Output	Voltage	V	12		
	Max. rated current	А	40		
	Max. rated power	W	480		
	Voltage regulation	%	±1		
	Load regulation	%	2		
	No load loss	mA	70		
	Ripple & noise	mV	160		
	Positive cable (yellow)	AWG	10 @ 16.5cm length		
	Negative cable (black)	AWG	10 @ 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	500		
	Size	mm	100*80*39		
Other	Cooling		Free air convection		
	Packaging		White box		



# Dimension

