

Input voltage	Output voltage	Output current	Output power	Efficiency	Size
28-63V DC	12V DC	5 Amps	60 Watts	94%	57*64*22mm



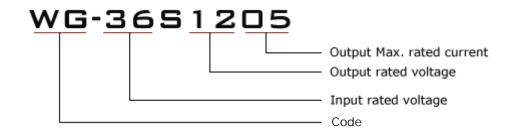
#### **Features**

- Design meeting RoHS / CE
- High efficiency: 94% ( @ 36V 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-36S1205				
	Rated voltage	V	36		
	Voltage range	V	28-63		
Input	Efficiency (type)	%	94% @ 36V input		
	Positive cable (red)	AWG	18 @ 16.5cm length		
	Negative cable (black)	AWG	18 @ 16.5cm length		
	Voltage	V	12		
	Max. rated current	А	5		
	Max. rated power	W	60		
	Voltage regulation	%	±1		
Output	Load regulation	%	2		
	No load loss	W	0.96 @ 36V input		
	Ripple & noise	mV	70		
	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		
	Short circuit protection		YES		
	Over current protection	А	@ 6~8		
Function	Waterproof		IP68		
	Over temperature protection		YES		
	Over voltage protection		YES		
Mechanical	Weight	g	108		
	Size	mm	57*64*22		
Other	Cooling		Free air convection		
Other	Packaging		White box		



### **Dimension**

