ATO

DC/DC Converter Specification

Model No.:WG-60S1205

Input voltage	Output voltage	Output current	Output power	Efficiency	Size
51-73V DC	12V DC	5 Amps	60 Watts	92%	74*74*32mm

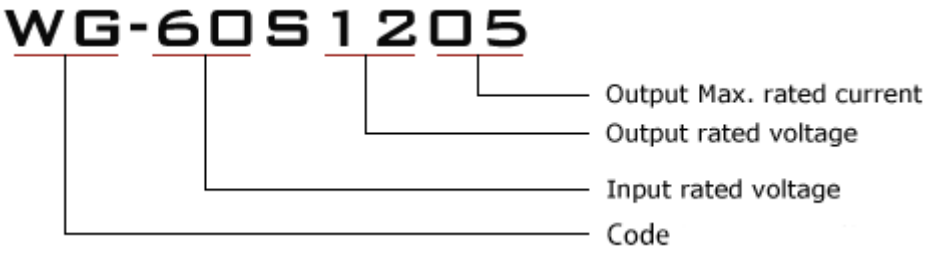
Features

- Design meeting RoHS / CE
- High efficiency: 92% (@ 60Vin)
- 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

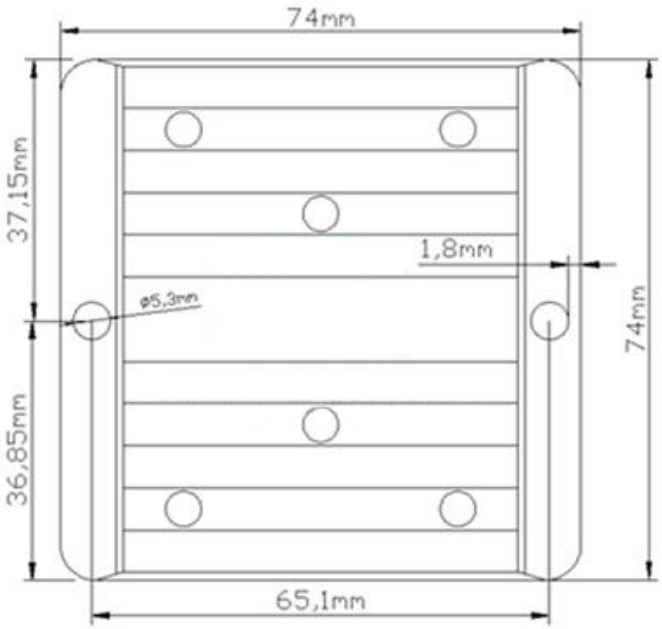
Applications

- Industrial
- Alternative Energy
- Golf Cart & Forklift
- Military
- Electromotor
- Telecommunications
- Boat & Yacht
- Medical and so on.

Model naming method



Specifications

Model	WG-60S1205		
Input	Rated voltage	V	60
	Voltage range	V	51-73
	Efficiency (type)	%	92 @ 60V input
	Positive cable (red)	AWG	16 @ 15cm length
	Negative cable (black)	AWG	16 @ 15cm length
Output	Voltage	V	12
	Max. rated current	A	5
	Max. rated power	W	60
	Voltage regulation	%	±1
	Load regulation	%	2
	No load loss	mA	80 @ 60V input
	Ripple & noise	mV	180 (full load)
	Positive cable (white)	AWG	16 @ 15cm length
	Negative cable (black)	AWG	16 @ 15cm length
Environment	Working temperature	°c	-35 ~ +80
	Working humidity	RH	10% ~ 90%
	Storage temperature	°c	-55 ~ +125
Function	Short circuit protection		YES
	Over current protection	A	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