

# Pure Sine Wave Inverter

Converts 12V DC into 240V AC

Please read user manual before use

## Specifications:

MODEL NO.	SPI-12015	SPI-12030
Output power continuous	150W	300W
Output power surge	300W	600W
Soft Start	√	
Output Overload Cut-Off	√	
DC Input High Cut-off	√	
DC Input Low Cut-off	√	
Short Circuit Protection	√	
Auto Restart	√	
Cooling fan	√	
240 Volt Outlets	1	
Hold Down Brackets	√	
Fuses	20Ax1	40Ax1
Antizap® Surge & Spike Protected	√	
Dimensions (L×W×H)	212x118x58mm	230x118x58mm
Weight (kg)	1.15kg	1.2kg
Input Voltage	10.5 to 15.5 Volts DC	
Output Voltage	240 Volts AC +/-5%	
Frequency	50 Hz	
Efficiency	90%	
Low Battery Alarm	10.5 ± 0.5 Volts	
Low Battery Shutdown	10.0 ± 0.5 Volts	
High Voltage Shutdown	15.5 ± 1 Volts	
Thermal Shutdown	60 Degrees C	
Standby Current Draw	0.3 Amp	0.5 Amp

## Features:

1. Pure sine wave output.
2. Output over load protection.
3. Output short circuit protection.
4. Soft start function.
5. Low battery alarm and protection.
6. High battery protection.
7. High temperature alarm and protection.
8. Reverse polarity protection

## Install:

1. Place the Inverter at a desire location
2. Connect the Inverter DC input terminals directly to battery with the attached wires. (Please make sure that the polarity of the wires is on right position. If reverse connection, Inverter will be broken.)
3. Connect product to the inverter.
4. Turn the Inverter's power SW and then product's power SW on.

## Buzzer alarm indications:

Inverter Status	Alarm sounds	LED indicate
Battery low alarm	Bi~~~~~	Green
Battery low protection	Bi~~~~~	Red
High temperature protection	Bi~~~~~	Red

## Packing:

- Inverter x1 ●DC input cables (red / black) x1 ●User manual x1

## Warning:

1. Keep this unit away from wet area, direct sunlight and bad ventilation environments.
2. If you are operating the Inverter in a moving vehicle, we recommended that you secure the Inverter to prevent it from shifting around while vehicle is moving.
3. Risk of scald, don't touch the aluminum case after usage.
4. Connect to the loads under the Inverter's specifications only.
5. Risk of electric shock, don't remove the top and side covers.