

# Pure Sine Wave Inverter

## PI1500 Series (300W)



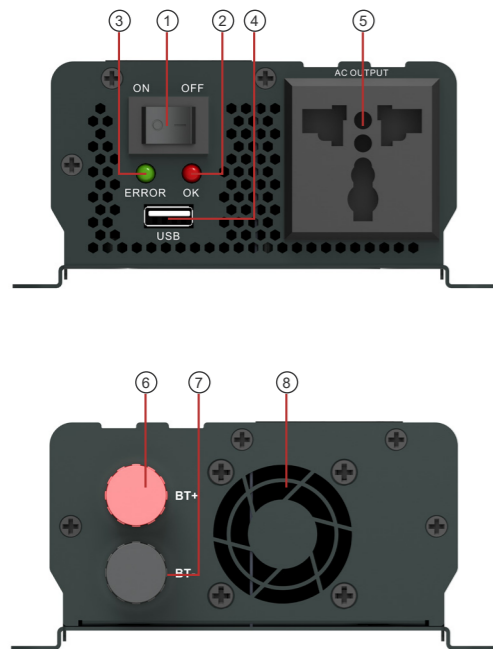
### Features

- Input Voltage 12V / 24V DC optional
- Output Voltage 120V / 230V AC optional
- Portable power for AC products, AC outlets for connecting multiple loads
- High efficiency converts virtually all of the battery's power to AC
- Mounting brackets for convenient installation
- Overload and over temperature shut down
- Low voltage and over voltage alarm/cut off
- Input reverse protection
- Short circuit protection

### Introduction

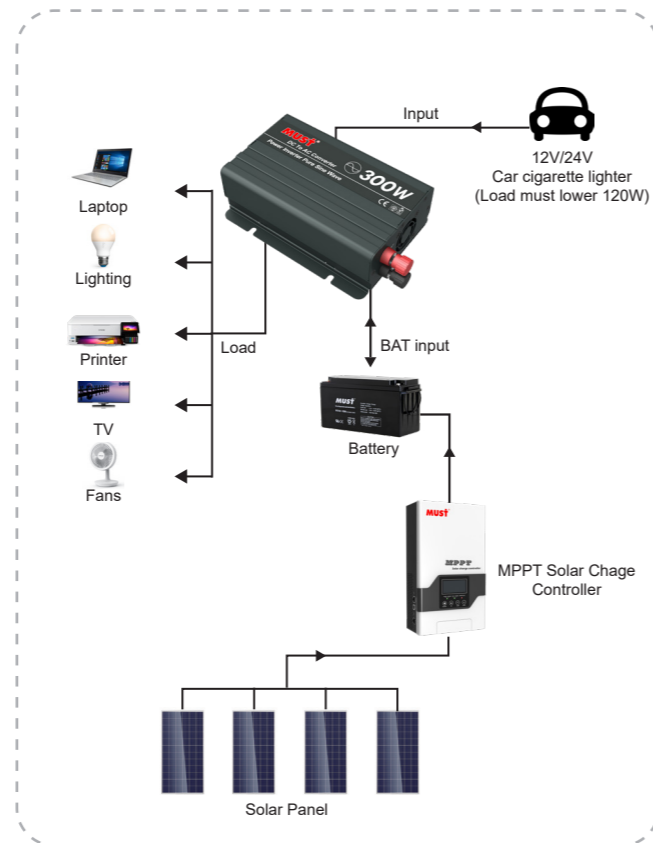
PI15 series is a pure sine wave inverter, high frequency machine solution, the product is small size, the solution is reliable and stable, the main function is to invert the DC 12VDC battery or 24VDC battery to AC 230VAC or AC 115VAC output, mainly used for emergency use Electricity, car inverter, outdoor electricity and other occasions.

### Back panel printing description



1. Power Switch
2. Error Red LED
3. OK Green LED
4. USB Output
5. AC Output
6. Battery Input +
7. Battery Input -
8. Fan

### Solar system connection



### Specification

MODEL		PI15-0312	PI15-0324	PI15-0312LV	PI15-0324LV
Battery DC Input	Input Voltage	12VDC	24VDC	12VDC	24VDC
	Low Voltage Warning	11.5V	23.0V	11.5V	23.0V
	Low Voltage Protect	10.5V	21.0V	10.5V	21.0V
	Low Voltage Protect Delay	2 seconds			
	Low Voltage Restoring	12.5V	25.0V	12.5V	25.0V
	Over Voltage Protect	15.5V	31.0V	15.5V	31.0V
	Over Voltage Restoring	15.0V	30.0V	15.0V	30.0V
	Inverter AC Output	Default Power	300W		
Peak Power		600W			
Output AC Voltage		230V		120V	
Output AC Frequency		50Hz		60Hz	
Output Wave		Pure Sine Wave			
Output Wave THD		< 3%			
USB	USB Output	USB A type - 5V 1.5A			
Protection	Battery Input Protection	Battery Input Reverse, Low Voltage Protection, Over Voltage Protection			
	Inverter Output Protection	Output Overload, Short-Circuit, Over Temperature Protection			
Display	LED Display	Red: Error ; Green: System OK			
Efficiency	Peak Conversion efficiency	91%			
Environment	Protection Degree	IP32			
	Working Environment	Indoor Fan cooling			
	Environmental temperature	0~45°C			
	Ambient humidity	20%~90%, No condensation			
	Altitude	≤3000m			
Dimensions	Machine Dimension (W*H*D)	132*177.5*59 mm			
	Package Dimension (W*H*D)	/			
	G.W	1kg			
	N.W	/			