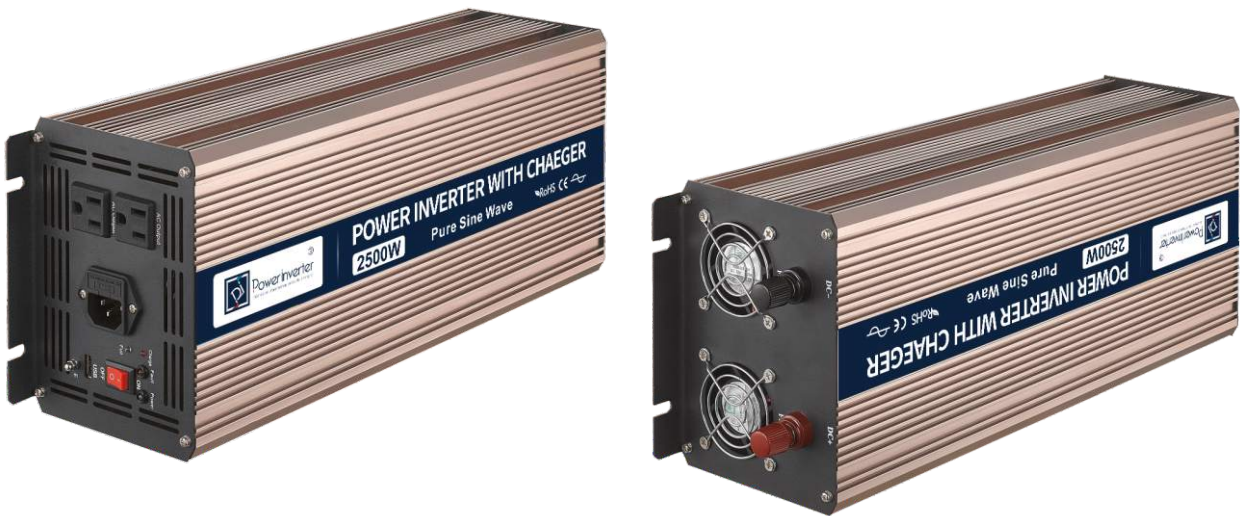


Pure Sine Wave Inverter With Charger

2500W



Product Introduction

The high frequency pure sine wave inverter with AC charger.AC power supply is priority and charge for the battery at the same time.When AC is cut off and can switch to the battery automatically and ensure the power supply for the load continuously. We design and produce pure copper transformer, inductor by ourselves and meet all customer's demands. It can run all kinds of load stably and the pure sine wave form is better than electricity. At the same time, input and output lines are designed to be completely isolated to protect the system more safer.

Customization/optional Parts

- ☐ Input voltage customization:36V/60V/72V/96V/110V
- ☒ Wire remote switch
- ☐ Frequency switch 50Hz/60Hz
- ☒ Bluetooth
- ☐ RS485
- ☐ -40°C-60°C working temp

Protection



Battery LowVoltage



Battery OverVoltage



Over Temperature



OverLoad Protection



ShortCircuit Protection



Reverse Polarity

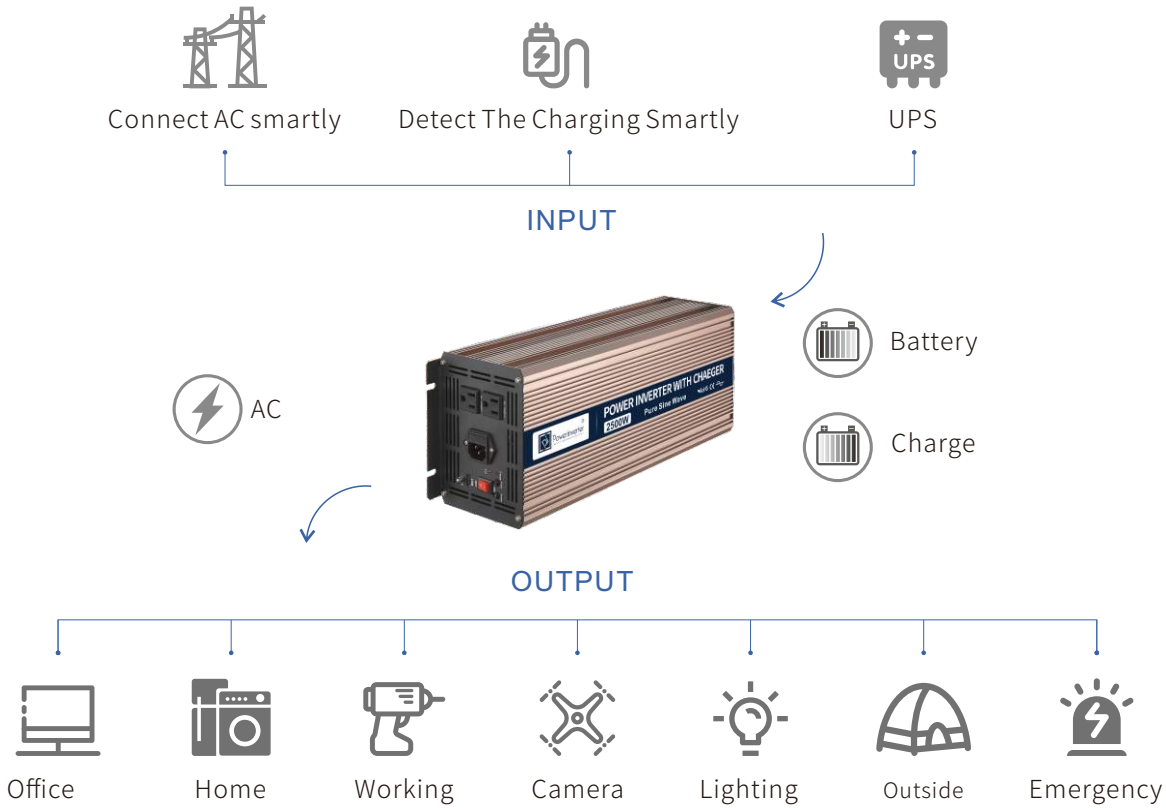


SoftStart Protection

Technical Parameter

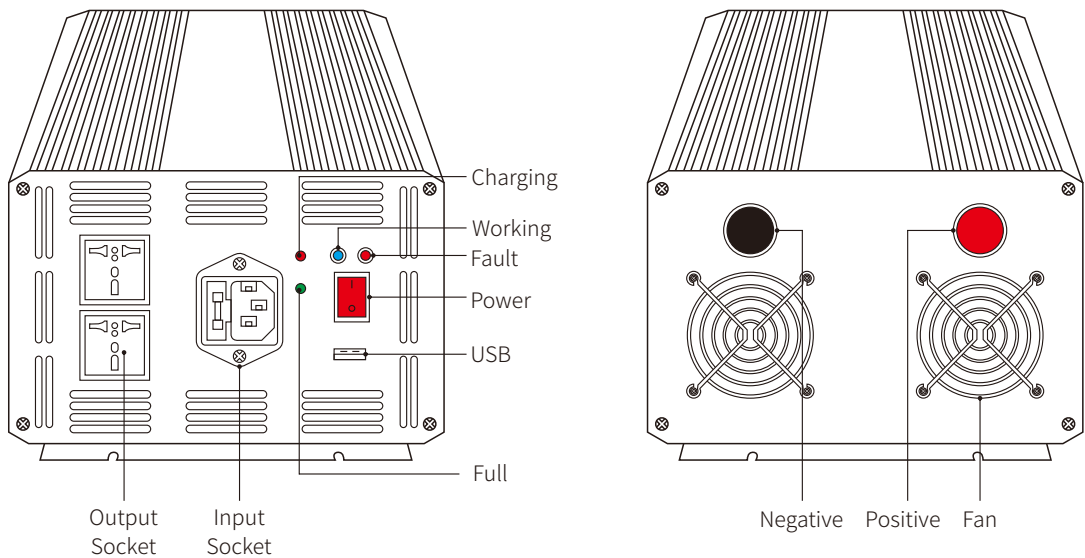
Model	2500A-121	2500A-122	2500A-241	2500A-242	2500A-481	2500A-482
Rated Power	2500W					
Surge Power	5000W(Few seconds)					
Input Voltage	12VDC		24VDC		48VDC	
Output Voltage	110VAC±5%	220VAC±5%	110VAC±5%	220VAC±5%	110VAC±5%	220VAC±5%
USB Port	5V					
Frequency	50Hz±3 or 60Hz±3					
Output Wave form	Pure Sine Wave					
Soft Start	YES					
Priority	Grid first					
Transfer time	≤8ms					
Cooling Way	Intelligent Cooling Fan					
Protection	Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit, Over current					
Working Temperature	-10°C - +50°C					
Net Dimension	49.5*17*10.2cm (L×W×H)					
Meas./Ctn	60.3*47*36.5cm/4PCS					
N.W./Unit	5.6kg					
G.W./Ctn	21.6kg					
Packing	Carton					
Warranty	1 Year					

Connection Diagram



Pure Sine Wave Inverter With Charger

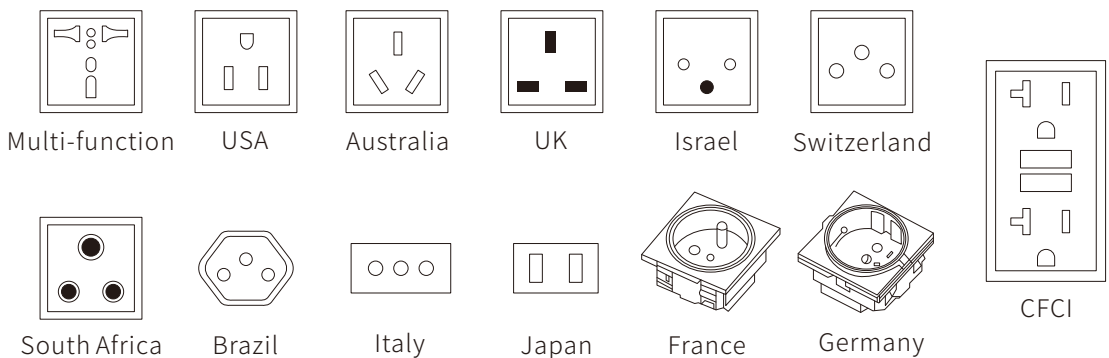
2500W



Customization of mains input plug

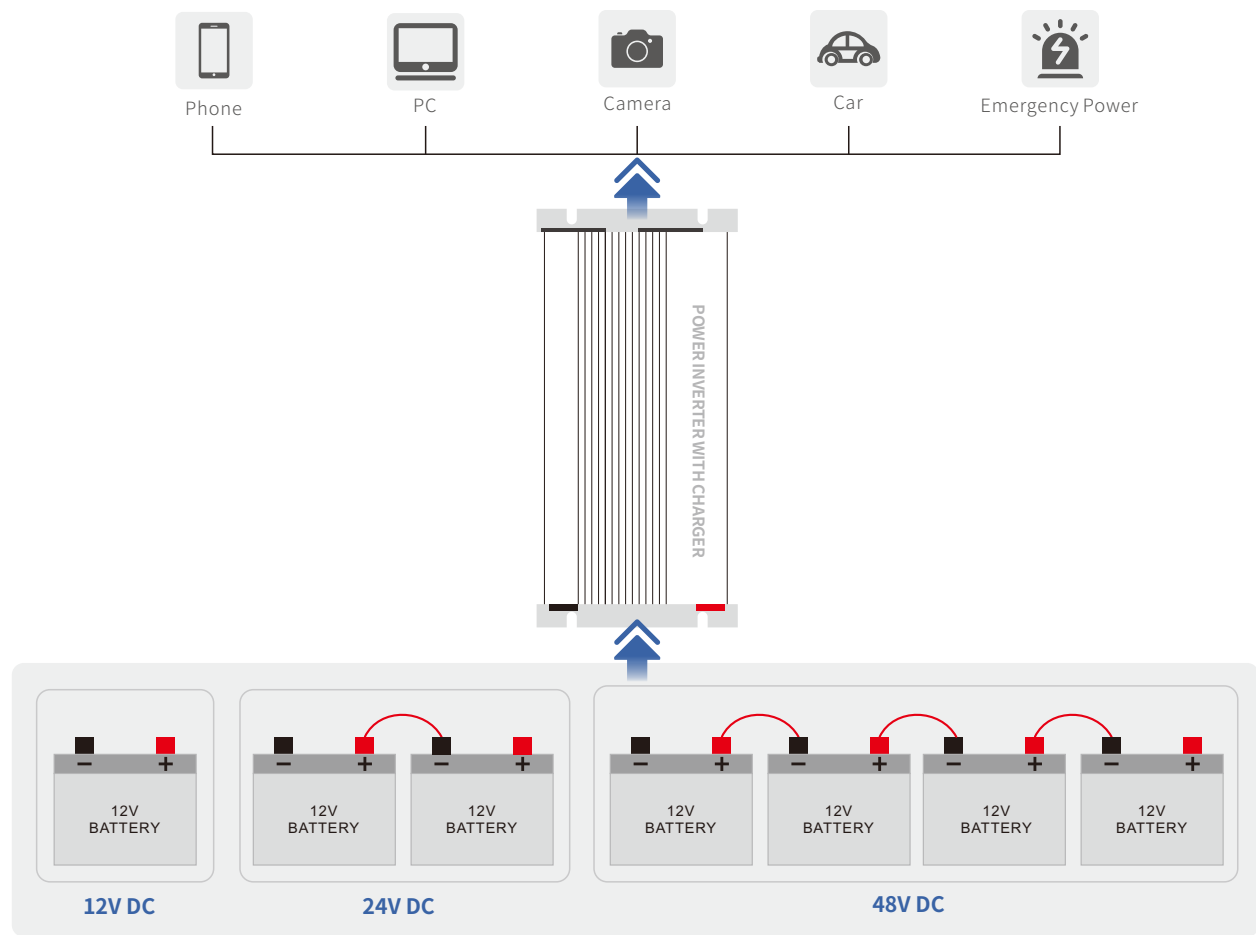


Socket Customization



Battery Connection Diagram

- ※ Can connect 12V/24V/48V gel acid battery/lithium battery
- ※ Pay attention to reverse connection



Packaging Accessories

