

— POWER INVERTER

Pure Sine Wave Inverter

1000W (full power)



Product Introduction

Features:

- ✧ Input & output fully isolated
- ✧ With USB output port High Surge: High surge current capability starts difficult loads such as TVS, camps, motors and other inductive loads
- ✧ Soft start: Smooth start-up of the appliances.
- ✧ Pure Sine Wave Output Wave form: Clean power for sensitive loads.
- ✧ AC output identical to, and in some cases better than the power supplied by your utility.
- ✧ Cooling Fan: Control by load or temperature (optional)
- ✧ Low Total Harmonic Distortion: below 3%

Protection



Battery
Low Voltage



Battery
Over Voltage



Over
Temperature



OverLoad
Protection



Short Circuit
Protection



Reverse
Polarity



Soft Start
Protection

Technical Parameters

Model	P1000	
Rated Power	1000W	
Surge Power	2000W(Few seconds)	
Input Voltage	12VDC	24VDC
Output Voltage	220VAC±5%	
USB Port	5V 2.4A	
Frequency	50Hz±0.5	
Output Waveform	Pure Sine Wave	
Soft Start	YES	
AC Regulation	THD<3%(Linear Load)	
Output Efficiency	87-88%Max	
DC Voltage Range	10-15.5V	20-31V
Low Voltage Alarm	10.5±0.5V	21±0.5V
Low Voltage Shut Down	10±0.5V	20±0.5V
Low Voltage Recovery	13±0.5V	24±0.5V
Over Voltage Shut Down	15.5±0.5V	31±0.5V
Over Voltage Recovery	14.8±0.5V	29±0.5V
Cooling Way	Intelligent Cooling Fan	
Working Temperature	-10°C-+50°C	
Net Dimension	29.8*17*10.2cm(L×W×H)	
Inner Box Dimension	39*23.3*17.5cm(L×W×H)	
Meas./Ctn	53.5*47*40.7cm/6pcs	
N.W./Unit	2.74Kg	
G.W./Ctn	20.52Kgs	
Packing	Carton	
Warranty	2Years	
Note:Low voltage and over voltage can customized by lithium battery		

Application Area



PV



Energy storage



Office



Ship



Car



Communication