



**Products Description :**

JYINS pure sine wave inverter offering superior quality true sine wave output, it is designed to operate popular power tools and sensitive loads. Connect JYINS 3000W pure sine wave inverter with battery terminals, then you can get AC power for your appliances, the AC output identical to, and in some cases better than the power supplied by your utility. And there is a remote control function and an ON/OFF remote switch with 5m communication wire is optional.

**Products Features:**

- Input & Output fully isolated.
- The remote control function and 5m wire with switcher optional.
- High surge high surge current capability starts difficult loads such as TVs, camp motors and other inductive loads.
- Grounding earth protection. There is grounding terminal in front of panel, you can grounding the inverter for more safety concern.
- Soft start : smooth start-up of the appliances.
- Pure sine wave output waveform : clean power for sensitive loads.
- AC output identical to, and in some cases better than the power supplied by your utility
- Cooling fan in the inverter is thermally activated and comes on when the inverter becomes warm and turns off automatically after the inverter has cooled.
- Low total harmonic distortion : below 3%
- Two LED indicators on the front panel shows the working and failure state.
- Protection Function :**
  - Low voltage alarm & Shutdown
  - Over voltage protection
  - Overload protection
  - Over temperature protection
  - Short circuit protection
  - Reverse Polarity protection
  - Soft start
  - Auto reset after being in protected
  - Grounding earth protection

Model	JYP-3K-1	JYP-3K-1	JYP-3K-1	JYP-3K-2	JYP-3K-2	JYP-3K-2
Rated power	3000W					
Peak power	6000W					
Input voltage	DC12V	DC24V	DC48V	DC12V	DC24V	DC48V
Output voltage	100VAC or 110VAC or 120VAC±5%			220VAC or 230VAC or 240VAC±5%		
Unload current less than	1.3A	0.8A	0.6A	1.3A	0.8A	0.6A
Output frequency	50Hz±0.5Hz or 60Hz±0.5Hz					
Output waveform	Pure Sine Wave					
Waveform distortion	THD<3%(Linear load)					
USB port	5V 1A					
Max efficiency	90%					
Input voltage range	10-15.5V	20-31V	40-61V	10-15.5V	20-31V	40-61V
Low voltage alarm	10.5±0.5V	21±0.5V	42±1V	10.5±0.5V	21±0.5V	42±1V
Low voltage protection	10±0.5V	20±0.5V	40±1.5V	10±0.5V	20±0.5V	40±1.5V
Over voltage protection	15.5±0.5V	31±0.5V	61±1V	15.5±0.5V	31±0.5V	61±1V
Low voltage recover	13±0.5V	24±0.5V	48±1V	13±0.5V	24±0.5V	48±1V
Over voltage recover	14.8V±0.5V	29.5V±0.5V	59V±1V	14.8V±0.5V	29.5V±0.5V	59V±1V
Protection function	Low voltage		Alarm at first, voltage continuously reduce. LED Red light on & shut down.			
	Over voltage		LED Red light on, shut down			
	Over load		LED Red light on, shut down			
	Over temperature		Alarm at first, temperature continuously rise LED Red light on & shut down			
	Short circuit		LED Red light on			
	Input reverse polarity		Fuse burn-out			
Working temperature	-10° - +50°					
Storage temperature	-30° - +70°					
Dimension(mm)	396x180x128mm					
Packing(mm)	475x245x195mm					
Net /gross weight(g)	5580/6710g					
QTY/Ctn	4 Pcs					
Meas./Ctn(mm)	540x545x445mm					
Gross weight/Ctn(g)	26840g					
Warranty	1 years					
Configuration	Standard					
Cooling method	Intelligent air cooling					

