

### 1000W Pure Sine Wave DC to AC Power Inverter

**■ Features:**

- with 2 LED displays  
(Battery voltage, AC output voltage & Load percentage)
- Pure sine wave output (THD<3%)
- Input & output fully isolation
- Input Protections: Reverse Polarity(Fuse)/ over&under voltage
- Output Protection: Short Circuit / Overload /Over Temperature / Earth Fault / Soft Start
- 1 year warranty



**SPECIFICATION**

		1000	1000-12V	1000-24V	1000-48V
OUTPUT	Rated Power	1000W			
	Maximum Output Power	Load 120~150%(3min.);200% (3sec)			
	AC Voltage	100~120VAC / 200~240VAC (Optional)			
	Frequency	50Hz±0.1% or 60Hz±0.1% (Optional)			
	Waveform	Pure sine wave output (THD<3%)			
	USB Port	5V 2.1A			
	Led Indicator Light	Working and Fault			
INPUT	Bat.Voltage	12V	24V	48V	
	Voltage Range	10.5V-15V	21V-30V	42V-60V	
	No Load Consumption	<0.8A	<0.4A	<0.4A	
	Efficiency	90% (Full Loading) / 95% (1/3 Loading)			
BATTERY INPUT PROTECTION	Fuses	40A*4	20A*4	10A*4	
	Low Voltage Alarm	10.5V± 0.5V	21V±1V	42V±2V	
	Low Voltage Shut down	10V± 0.5V	20V±1V	40V±2V	
	Over Voltage Shut down	15.5V±0.5V	31V±1V	62V±2V	
	Reverse Polarity	By fuse open			
OUTPUT PROTECTION	Over Temperature	Shut Off Output Automatically, Temperature >75 °C			
	Output Short	Shut down output voltage , restart to recover			
	Over Load	Shut down output voltage , restart to recover			
	Earth fault	Shut down output voltage , when the load has electrical leakage			
	Soft Start	3-5 Seconds			
ENVIRONMENT	Working Temp.	-10°C ~+50°C			
	Working Humidity	20%~90% RH Non-Condensing			
	Storage Temp.	-30°C ~+70°C			
SAFETY	CE EMC	Compliance to EN55032:2012			
	CE LVD	To EN 60950-1; 2006+A11: 2009+A1:2010+A12: 2011+A2: 2013.			
	E-Mark	E13*10R00*10R05*14123*00			
PACKING	Dimensions	311×168×96mm			
	Packing	2.9kg;4pcs/12.8kg/0.042m³			
ACCESSORIES	Battery Cable	1x Positive & 1x Negative Battery Cables			
	User Manual	1x English Manual			
	Fuse	4x Replaceable fuses			