

2500W 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

2500		2500-12V	2500-24V	2500-48V
OUTPUT	Rated Power	2500W		
	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	<1.2A	<0.6A	<0.6A
	Efficiency	90% (Full Loading) / 95% (1/3 Loading)		
BATTERY INPUT PROTECTION	Fuses	40A*10	20A*10	10A*10
	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	450x252x101mm		
	Packing	7.3kg;2pcs/15.5kg/0.07m³		
ACCESSORIES	Battery Cable	1x Positive & 1x Negative Battery Cables		
	User Manual	1x English Manual		
	Fuse	10x Replaceable fuses		