



## STAND ALONE GOLD PSW INVERTERS

300W 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**

		300	300-12V	300-24V	
<b>OUTPUT</b>	<b>Rated Power</b>	300W			
	<b>Maximum Output Power</b>	Load 120~150%(3min.);200% (3sec)			
	<b>AC Voltage</b>	100~120VAC / 200~240VAC (Optional)			
	<b>Frequency</b>	50Hz±0.1% or 60Hz±0.1% (Optional)			
	<b>Waveform</b>	Pure sine wave output (THD<3%)			
	<b>USB Port</b>	5V 2.1A			
	<b>Led Indicator Light</b>	Working and Fault			
<b>INPUT</b>	<b>Bat. Voltage</b>	12V	24V		
	<b>Voltage Range</b>	10.5V-15V	21V-30V		
	<b>No Load Consumption</b>	<0.4A	<0.2A		
	<b>Efficiency</b>	90% (Full Loading) / 95% (1/3 Loading)			
<b>BATTERY INPUT PROTECTION</b>	<b>Fuses</b>	55A*1	30A*1		
	<b>Low Voltage Alarm</b>	10.5V± 0.5V	21V±1V		
	<b>Low Voltage Shut down</b>	10V± 0.5V	20V±1V		
	<b>Over Voltage Shut down</b>	15.5V±0.5V	31V±1V		
	<b>Reverse Polarity</b>	By fuse open			
<b>OUTPUT PROTECTION</b>	<b>Over Temperature</b>	Shut Off Output Automatically, Temperature >75℃			
	<b>Output Short</b>	Shut down output voltage , restart to recover			
	<b>Over Load</b>	Shut down output voltage , restart to recover			
	<b>Earth fault</b>	Shut down output voltage , when the load has electrical leakage			
	<b>Soft Start</b>	3-5 Seconds			
<b>ENVIRONMENT</b>	<b>Working Temp.</b>	-10℃ ~+50℃			
	<b>Working Humidity</b>	20%~90% RH Non-Condensing			
	<b>Storage Temp.</b>	-30℃ ~+70℃			
<b>SAFETY</b>	<b>CE EMC</b>	Compliance to EN55032:2012			
	<b>CE LVD</b>	To EN 60950-1; 2006+A11: 2009+A1:2010+A12: 2011+A2: 2013.			
	<b>E-Mark</b>	E13*10R00*10R05*14123*00			
<b>PACKING</b>	<b>Dimensions</b>	210x130x60mm			
	<b>Packing</b>	1.1kg;12pcs/14.4kg/0.054m³			
<b>ACCESSORIES</b>	<b>Battery Cable</b>	1x Positive & 1x Negative Battery Cables			
	<b>User Manual</b>	1x English Manual			
	<b>Fuse</b>	1x Replaceable fuse			

600W 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**

		600	600-12V	600-24V	600-48V
<b>OUTPUT</b>	<b>Rated Power</b>	600W			
	<b>Maximum Output Power</b>	Load 120~150%(3min.);200% (3sec)			
	<b>AC Voltage</b>	100~120VAC / 200~240VAC (Optional)			
	<b>Frequency</b>	50Hz±0.1% or 60Hz±0.1% (Optional)			
	<b>Waveform</b>	Pure sine wave output (THD<3%)			
	<b>USB Port</b>	5V 2.1A			
	<b>Led Indicator Light</b>	Working and Fault			
<b>INPUT</b>	<b>Bat.Voltage</b>	12V	24V	48V	
	<b>Voltage Range</b>	10.5V-15V	21V-30V	42V-60V	
	<b>No Load Consumption</b>	<0.6A	<0.3A	<0.3A	
	<b>Efficiency</b>	90% (Full Loading) / 95% (1/3 Loading)			
<b>BATTERY INPUT PROTECTION</b>	<b>Fuses</b>	50A*2	25A*2	15A*2	
	<b>Low Voltage Alarm</b>	10.5V± 0.5V	21V±1V	42V±2V	
	<b>Low Voltage Shut down</b>	10V± 0.5V	20V±1V	40V±2V	
	<b>Over Voltage Shut down</b>	15.5V±0.5V	31V±1V	62V±2V	
	<b>Reverse Polarity</b>	By fuse open			
<b>OUTPUT PROTECTION</b>	<b>Over Temperature</b>	Shut Off Output Automatically, Temperature >75 °C			
	<b>Output Short</b>	Shut down output voltage , restart to recover			
	<b>Over Load</b>	Shut down output voltage , restart to recover			
	<b>Earth fault</b>	Shut down output voltage , when the load has electrical leakage			
	<b>Soft Start</b>	3-5 Seconds			
<b>ENVIRONMENT</b>	<b>Working Temp.</b>	-10°C ~+50°C			
	<b>Working Humidity</b>	20%~90% RH Non-Condensing			
	<b>Storage Temp.</b>	-30°C ~+70°C			
<b>SAFETY</b>	<b>CE EMC</b>	Compliance to EN55032:2012			
	<b>CE LVD</b>	To EN 60950-1; 2006+A11: 2009+A1:2010+A12: 2011+A2: 2013.			
	<b>E-Mark</b>	E13*10R00*10R05*14123*00			
<b>PACKING</b>	<b>Dimensions</b>	250x168x96mm			
	<b>Packing</b>	1.1kg;12pcs/14.4kg/0.054m³			
<b>ACCESSORIES</b>	<b>Battery Cable</b>	1x Positive & 1x Negative Battery Cables			
	<b>User Manual</b>	1x English Manual			
	<b>Fuse</b>	1x Replaceable fuse			