

Pure Sine Wave Inverter 1000W - US

GP series



REVERSE POLARITY
PROTECTION



OVERLOAD
PROTECTION



OVER TEMPERATURE
PROTECTION



LOW/OVER VOLTAGE
PROTECTION



SHORT CIRCUIT
PROTECTION

INTRODUCTION

GP series pure sine wave inverter is developed for off-grid solar power systems and it can also be used in cars, vessels, during camping and in power failure emergencies. It is an advanced tool of power conversion. It can supply you with AC power converted from a DC power source. GP series pure sine wave inverter is a stable power source with low harmonic distortion to ensure the widest use of applications.

FUNCTIONAL CHARACTERISTICS

- Convert 12/24/48V DC power to 110V AC pure sine wave power
- Output type and socket: optional
- Over load protection
- Over voltage protection
- Low voltage protection
- Short circuit protection
- Over temperature protection
- Reverse polarity protection
- Excellent heat radiation structure with aluminum shell
- With USB port output
- With LED indicator
- With on/off switch

TECHNICAL SPECIFICATIONS - US

Model		GP1000-12-110	GP1000-24-110	GP1000-48-110
Output	Rated Power	1000W		
	Surge Power	2000W		
	AC Voltage	110V		
	AC Voltage Range	100 - 120V		
	Waveform	Pure sine wave		
	Frequency	60Hz ± 3Hz		
	USB Port	5V 1A		
	LED Indicator	Green for power on ; Red for power failure / protection		
	Efficiency	90 - 94%		
Input	DC Voltage	12V	24V	48V
	DC Voltage Range	10 - 15.5V	20 - 31V	40 - 61V
	No Load Current	1.4A	0.8A	0.3A
Protection	Low Voltage Alarm	10.5 ± 0.5V	21 ± 0.5V	42 ± 1V
	Low Voltage Shut Down	10 ± 0.5V	20 ± 0.5V	40 ± 1V
	Low Voltage Recovery	11 - 12V	23 - 24V	47 - 49V
	Over Voltage Shut Down	15.5 ± 0.5V	31 ± 0.5V	61 ± 1V
	Over Voltage Recovery	14.3 - 15.3V	28.5 - 29.5V	58 - 60V
	Soft Start	Yes		
Others	Working Temperature	-10°C - 50°C		
	Cooling Fan	Controlled by load		
	Dimensions	326 x 165 x 87 mm / 12.8 x 6.5 x 3.4 inches		
	Net Weight	3.1 kgs / 6.8 lbs		
	Packing	CTN: 67.5 x 37 x 30 cm, 4 pcs, 22.0 kgs / 26.6 x 14.6 x 11.8 inches, 4 pcs, 48.5 lbs		
	Warranty	2 years		