

Pure Sine Wave Inverter 6000W - 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 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		GP6000-24-110	GP6000-48-110
Output	Rated Power	6000W	
	Surge Power	12000W	
	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	24V	48V
	DC Voltage Range	20 - 31V	40 - 61V
	No Load Current	1.6A	0.8A
Protection	Low Voltage Alarm	21 ± 0.5V	42 ± 1V
	Low Voltage Shut Down	20 ± 0.5V	40 ± 1V
	Low Voltage Recovery	23 - 24V	47 - 49V
	Over Voltage Shut Down	31 ± 0.5V	61 ± 1V
	Over Voltage Recovery	28.5 - 29.5V	58 - 60V
	Soft Start	Yes	
Others	Working Temperature	-10°C - 50°C	
	Cooling Fan	Controlled by load	
	Dimensions	518 x 216 x 156 mm / 20.4 x 8.5 x 6.1 inches	
	Net Weight	13.0 kgs / 28.7 lbs	
	Packing	CTN: 64.3 x 31.5 x 25 cm, 1 pc, 15.0 kgs / 25.3 x 12.4 x 9.8 inches, 1 pc, 33 lbs	
	Warranty	2 years	