

# VP1000 - Data Sheet



## SPECIFICATION

MODEL: VP1000		12V	24V	48V
OUTPUT	Rated Power	1000W		
	Maximum Output Power	2000W SURGE POWER; 1500W for 10sec, 2000w for 2sec		
	AC Voltage	200~240VAC (Standard) or 100~120VAC (Special Order)		
	Frequency	50Hz±0.1% (Standard) or 60Hz±0.1% (Special Order)		
	Waveform	Pure sine wave output (THD<3%) at rated input voltage		
	Socket Type	Universal		
	Led Indicator Light	Inverter and Fault		
INPUT	Bat.Voltage	12V	24V	48V
	Voltage Range	10.8V-15.5V	21.6V-31V	43.2V-62V
	DC Current	100A	50A	25A
	No Load Consumption	<0.8A	<0.4A	<0.2A
	Efficiency	90% (Full Loading) / 95% (1/3 Loading)		
	Battery Types	Open & sealed lead acid battery		
BATTERY INPUT PROTECTION	Fuses	35A*4	20A*4	10A*4
	Low Voltage Alarm	10.8V± 0.2V	21.6V±0.4V	43.2V±0.8V
	Low Voltage Shut down	10.2V± 0.2V	20.4V±0.4V	40.8V±0.8V
	Over Voltage Shut down	15.5V±0.2V	31V±0.4V	62V±0.8V
	Reverse Polarity	By fuse open		
OUTPUT PROTECTION	Over Temperature	Shut Off Output Automatically, Temperature >75°C		
	Output Short	Protection type: Shut down o/p voltage, re-power on to recover		
	Over Load	Protection type: Shut down o/p voltage, re-power on to recover		
BUZZER ALARM	Low Battery Alarm	Buzzer sound 2times and Red light blink 2times every 8sec		
	Low Battery Shutdown	Buzzer sound 3times and Red light blink 3times every 8sec		
	Over Voltage Shutdown	Buzzer sound 4times and Red light blink 4times every 8sec		
	Over temperature Shutdown	Buzzer sound 5times and Red light blink 5times every 8sec		
	Short Circuit/Overload Shutdown	Red light blink constantly		
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 EN61000-3-2,3; EN55022; EN55024		
	CE LVD	Compliance to EN62040-1:2008		
	RoHS	Compliance to 2011/65/EU		
PACKING	Inner Box	415*195*135 mm, 3.5kg		
	Carton	435*410*315 mm, 16.5kg		
	Package	4pcs /Carton		
ACCESSORIES	Battery Cable	1x Positive & 1x Negative Battery Cables		
	User Manual	1x English Manual		
	Fuse	4x Replaceable fuses		

*Guaranteed Performance*

1 Years Manufacturers Warranty

Sunshine Solar Limited  
Unit 29, Ashwellthorpe Industrial Estate Ashwellthorpe  
Norwich Norfolk NR16 1ER

Tel: +44 (0)1508 488188 - Fax: +44 (0)1508 488288

www.sunshinesolar.co.uk - sales@sunshinesolar.co.uk