

# VP1500 - Data Sheet



## SPECIFICATION

MODEL: VP1500		12V	24V	48V
OUTPUT	Rated Power	1500W		
	Maximum Output Power	3000W SURGE POWER; 2250W for 10sec, 3000w 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	UK		
	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	150A	75A	37.5A
	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*6	20A*6	10A*6
	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 2 times and Red light blink 2 times every 8 sec		
	Low Battery Shutdown	Buzzer sound 3 times and Red light blink 3 times every 8 sec		
	Over Voltage Shutdown	Buzzer sound 4 times and Red light blink 4 times every 8 sec		
	Over temperature Shutdown	Buzzer sound 5 times and Red light blink 5 times every 8 sec		
	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	405*286*168 mm, 5.5kg		
	Carton	430*305*355 mm, 12kg		
	Package	2pcs /Carton		
ACCESSORIES	Battery Cable	2x Positive, 2x Negative Battery Cables		
	User Manual	1x English Manual		
	Fuse	6x Replaceable fuses		

**Guaranteed Performance**

**1 Years Manufacturers Warranty**

Sunshine Solar Limited  
Unit 30, Ashwellthorpe Industrial Estate Ashwellthorpe  
Norwich Norfolk NR16 1ER

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

www.sunshinesolar.co.uk - support@sunshinesolar.co.uk

# VP2000 - Data Sheet



## SPECIFICATION

MODEL: VP2000		12V	24V	48V
OUTPUT	Rated Power	2000W		
	Maximum Output Power	4000W SURGE POWER; 3000W for 10sec, 4000w 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	UK		
	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	200A	100A	50A
	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*10	20A*10	10A*10
	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 2 times and Red light blink 2 times every 8 sec		
	Low Battery Shutdown	Buzzer sound 3 times and Red light blink 3 times every 8 sec		
	Over Voltage Shutdown	Buzzer sound 4 times and Red light blink 4 times every 8 sec		
	Over temperature Shutdown	Buzzer sound 5 times and Red light blink 5 times every 8 sec		
	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	405*286*168 mm, 6kg		
	Carton	430*305*355 mm, 14kg		
	Package	2pcs /Carton		
ACCESSORIES	Battery Cable	2x Positive, 2x Negative Battery Cables		
	User Manual	1x English Manual		
	Fuse	8x Replaceable fuses		

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# VP3000 - Data Sheet



## SPECIFICATION

MODEL: VP3000		12V	24V	48V
OUTPUT	Rated Power	3000W		
	Maximum Output Power	6000W SURGE POWER; 4500W for 10sec, 6000w 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	UK		
	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	300A	150A	75A
	No Load Consumption	<1A	<0.5A	<0.25A
	Efficiency	90% (Full Loading) / 95% (1/3 Loading)		
	Battery Types	Open & sealed lead acid battery		
BATTERY INPUT PROTECTION	Fuses	35A*12	20A*12	10A*12
	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 2 times and Red light blink 2 times every 8 sec		
	Low Battery Shutdown	Buzzer sound 3 times and Red light blink 3 times every 8 sec		
	Over Voltage Shutdown	Buzzer sound 4 times and Red light blink 4 times every 8 sec		
	Over temperature Shutdown	Buzzer sound 5 times and Red light blink 5 times every 8 sec		
	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	530*320*230 mm, 10kg		
	Carton	555*340*250 mm, 11kg		
	Package	1pcs /Carton		
ACCESSORIES	Battery Cable	2x Positive, 2x Negative Battery Cables		
	User Manual	1x English Manual		
	Fuse	12x Replaceable fuses		

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# VP4000 - Data Sheet



## SPECIFICATION

MODEL: VP4000		12V	24V	48V
OUTPUT	Rated Power	4000W		
	Maximum Output Power	8000W SURGE POWER; 6000W for 10sec, 8000w 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	UK		
	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	400A	200A	100A
	No Load Consumption	<1A	<0.5A	<0.25A
	Efficiency	90% (Full Loading) / 95% (1/3 Loading)		
	Battery Types	Open & sealed lead acid battery		
BATTERY INPUT PROTECTION	Fuses	35A*12	20A*12	10A*12
	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 2 times and Red light blink 2 times every 8 sec		
	Low Battery Shutdown	Buzzer sound 3 times and Red light blink 3 times every 8 sec		
	Over Voltage Shutdown	Buzzer sound 4 times and Red light blink 4 times every 8 sec		
	Over temperature Shutdown	Buzzer sound 5 times and Red light blink 5 times every 8 sec		
	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	530*320*230 mm, 12kg		
	Carton	555*340*250 mm, 13kg		
	Package	1pcs /Carton		
ACCESSORIES	Battery Cable	2 x Positive, 2x Negative Battery Cables		
	User Manual	1 x English		
	Fuse	12 x Replaceable fuses		

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