

MODEL	VP-1000	VP-3000	VP-5000
Rated Power	1000VA/1000W	3000VA / 3000W	5000VA / 5000W
INPUT			
Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
OUTPUT			
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%		
Surge Power	2000VA	6000VA	10000VA
Efficiency (Peak)	90% - 93%		
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)		
Waveform	Pure sine wave		
BATTERY			
Battery Voltage	12 VDC	24 VDC	48 VDC
Floating Charge Voltage	13.5 VDC	27 VDC	54 VDC
Overcharge Protection	16 VDC	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER			
Solar Charger type	PWM	PWM	PWM
Maximum PV Array Open Circuit Voltage	55 VDC	80 VDC	105 VDC
Maximum PV Array Power	600 W	1200 W	2400 W
MPP Range @ Operating Voltage	N/A	N/A	N/A
Maximum Solar Charge Current	50 A	50 A	50 A
Maximum AC Charge Current	20 A	25A	60 A
Maximum Charge Current	50 A	70 A	110 A
PHYSICAL			
Dimension, D x W x H (mm)	88 x 225 x 320	100 x 285 x 334	100 x 300 x 440
Net Weight (kgs)	4.4	6.3	8.5
Communication Interface	USB/RS232		
ENVIRONMENT			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	-10°C to 50°C		
Storage Temperature	-15°C to 60°C		

All information contained in this document is subject to change without notice.