



# VENUS

1200VA | 2000VA | 2400VA | 3400VA | 6000VA



**Uninterrupted  
power supply**

## Key features:

- Pure sine wave, transformer based, single phase, parallel online UPS.
- Enhanced performance and reliability.
- Advanced charging design for optimized battery performance and longevity.
- DC cold start function.
- Generator compatible.
- Compatible with lead acid, gel and lithium ion batteries.
- LCD display.
- Adjustable charger (1 to 20Amps) for extended battery options.
- Suitable for robust environments.
- Solar PWM charge controller (optional).
- 12 Month carry in warranty on UPS only.
- The PWM charge controller can only be connected to the Venus 1200/2000/2400-VA and not the Venus 3400/6000VA.
- The Venus 1200/2000/2400VA can only take external batteries (long run) and the Venus 3400/6000VA can take internal or external batteries.
- The Venus 3400 with the 4 x 12v 100AH lead-acid or lithium-ion batteries will require onsite battery assembly, it is too dangerous to transport it pre-assembled.
- The Venus 6000VA must be hard wired to the electrical DB board and will require a COC for the warranty.

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MODEL	V-REVE 1200VA	V-REVE 2000VA	V-ENVIE 2400VA	V-ENVIE 3400VA XS	V-ENVIE 3400VA	V-ENVIE 6000VA
Capacity	1200VA / 800Watts	2000VA / 1200Watts	2400VA / 1600Watts	3400VA / 2400Watts	3400VA / 2400Watts	6000VA / 4000Watts
Display	LCD					

## INPUT

Phase	Single phase
Connection	L, N and G wire
Voltage	165 - 275 VAC
Frequency	45 Hz - 65Hz

## OUTPUT

Output Voltage	230VAC ±2% (Battery mode)	
Voltage Regulation	±10%	
Frequency Range	50/60Hz ±0.5Hz	
Efficiency	>99% in mains mode; 80% in inverter mode	
Waveform	Sinewave THD <3% at linear load	
Overload Capacity	<2% (Linear load); <5% (Non-linear load)	110% 30 Seconds. 120% 2 Seconds.

## BATTERY

Voltage	12VDC	24VDC	48VDC
Type	Lead Acid / Gel / Lithium Ion		
Recharge Time to 90%	10 Hours for Lead Acid and Gel Batteries / 5 Hours for Lithium Ion Batteries		

## PROTECTION

Overload	Yes
Short Circuit	Alarm sounds for 20 seconds, then UPS turns off
Input High/Low Voltage	Yes
Battery High/Low Voltage	Yes
High Temp	Yes

## AUDIBLE ALARM

Mains Failure	Buzzer sounds once
Battery Low Voltage (after 2nd alarm)	Buzzer sounds every second
Overload	Buzzer sounds every second

## PHYSICAL

Dimensions (D x W x H) mm	320mm x 85mm x 185mm	410mm x 145mm x 210mm	500mm x 230mm x 330mm	560mm x 270mm x 500mm
Net Weight (kgs) excluding batteries	6.5Kg / 7Kg	12Kg / 14Kg	19.5Kg	29.5Kg

## ENVIRONMENT

Humidity	10-90% (non-condensing)
Noise Level	<38 db (1 Meter)
Temprature	0 - 40°C



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