

Vanguard II Long-backup model (VGSL)

Your advance solution with long-lasting support



VGS-1000/1500/2000/3000-L



VGS-6K/10K-L

Main Feature

Power Efficiency

0.9 Power Factor

A higher real power ratio satisfies higher power density and better space design.

On-Line Double Conversion Technology

High-frequency, double-conversion Technology with real sinewave output ensures filtered and reliable power support.

Fan speed regulation

Automatic adjustment based on load variances gives optimal temperature control with lower noise.

Advanced Battery Management System*

Precise charging base on battery condition and temperature; Ensure extended battery life and optimal condition.

Controllable Load Segment Receptacle*

Smart power control can prioritize power distribution during regular operation and emergency.

Manual Control Friendly

Multi-Language LCD

LCD supports English, Japanese, French, German, Italian, and more.

UPSMON PRO software & App Support

Access advance features like status display, scheduled event, and setting adjustment through computer and mobile devices.

EPO

Emergency Power Off enables imminent shutdown during critical times.

DC Cold Start Function

UPS operation available without the main power base on user needs.

Compatibility

Specialized Battery Expansion Model

Support multiple battery connections, suitable for large battery reserve and long back-up demand.

Selectable Output Voltage

User-adjustable voltage output offers flexibility to various critical equipment needs.

Frequency Stabilizing Feature

Free Run Mode allows consistent 50/60Hz output with wide frequency range acceptance.

Monitoring Connectivity

USB, RS232, and SNMP port provide cable and internet connection to your monitoring system.

Generator Compatible

Generator Mode feature controls highly unstable power to clean power support.

*Only available on 1-3KVA model



Download Link



UPSMON for portable Device

UPSMON PRO			
Monitor System	Battery Capacity	Load Level	AC Utility Power
Current Status	Input Voltage	234 (V)	
UPS Event Log	Output Voltage	230 (V)	
UPS Data Log	Input Frequency	60 (Hz)	
Configuration	Battery Status	Normal	
UPS Connect	Battery Capacity	100 (%)	
Shutdown Setup	Est. Backup Time	229 (Min)	
Email Notification	UPS Status	ON-Line	
UPS Control	UPS Load	60 (%)	
UPS Schedule	UPS Temperature	26 (C)	
Outlet Control			
Help and Support			

UPSMON PRO Interface

Specification

Model	VGS-1000-L	VGS-1500-L	VGS-2000-L	VGS-3000-L	VGS-6000-L	VGS-10K-L
Configuration						
Capacity (VA)	1000 VA	1500 VA	2000 VA	3000 VA	6000 VA	10000 VA
Capacity (Watts)	900 W	1350 W	1800 W	2700 W	5400 W	9000 W
Form	Tower					
Phase	Single Phase					
Energy Saving	Yes - ECO Mode Efficiency >94%					
Input						
Voltage	220 / 230 / 240 VAC					
Input Voltage Range (110 VAC)	120 - 276 VAC, < 25% Load 140 - 276 VAC, < 50% Load 160 - 276 VAC, < 75% Load 180 - 276 VAC, < 100% Load					
Input Voltage Range (220 VAC)						
Input Frequency Range	50 / 60 Hz ± 2.5 auto sensing (45Hz to 65Hz user selectable)					
Input Power Factor	>0.97					
Cold Start	Yes					
Output						
Rated Power Factor	0.9					
Waveform	Pure Sine Wave					
Voltage	220 / 230 / 240 VAC ± 2% (selectable output voltage)					
Frequency	50 / 60 Hz ±0.25 Hz					
Transfer Time	0 ms					
Harmonic Distortion	< 5% of THD at non-linear load < 2.5% of THD at linear load				< 5% of THD at non-linear load < 3% of THD at linear	
Connections	*Please refer below "Receptacle Options" Customized receptacle can be discussed					
Crest Factor	3 : 1					
EPO Function	Yes					
Protection						
Overload	Line Mode	106% - 120% for 30 seconds 121% - 150% for 10 seconds				
	Battery Mode	101% - 109% for 10 seconds 110% - 120% for 3 seconds				
Surge Protection		IEC 61000-4-5 Level 3				
Bypass		Internal Bypass (Automatic and Manual)				
Short Circuit Protection		UPS Output Cut Off Immediately or protected by input fuse or circuit breaker				
Overload Protection		UPS automatic power off if overload exceeds 106 ~ 120% of nominal at 30 seconds; 121 ~ 150% for 10 seconds				
Tele-Communication		RJ45 x 2				
Alarm		Buzzer beeps under backup mode, battery low, battery charging fault, and overload				
Charger						
UPS		1A				
UPS Build In		5A			4A	
Total		6A			5A	
Battery						
Voltage (Recommended)		36V	48V	72V	96V	240V
Management & Communication						
Indicator		LED & LCD Control Panel				
Communication Port		RS 232, USB B type				
SNMP Slot		Option				
Audible Alarms		Yes				
Physical						
Dimensions (WxDxH) (mm)	152 x 420 x 237	152 x 500 x 241	225 x 420 x 358		257 x 590 x 570	257 x 650 x 585
Weight (kgs)	7.7	10.1	12.7	13.2	38	46
Shipping Dimensions (mm)	280 x 545 x 355	280 x 625 x 356	340 x 526 x 485		415 x 760 x 800	408 x 860 x 800
Shipping Weight (kgs)	9.8	12	15.5	16.3	58	61.6

* While 110/208V output, capacity will be derated to 90%.

** Specifications are subject to change without further notice.

** Specifications are for reference, please refer to information based on real product.

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