

VANGUARD II Series

VGS high frequency series are the worth trust for data center.

- On-Line UPS Design
- Pure Sinewave Output
- Double Conversion Technology
- High Efficiency Mode
- Advance Battery Management (ABM)
- Simple and Clear LCD Indicator
- Overload, Surge, Short Circuit Protection
- Design for Advance Missional Electronic Device
- Tower Type Design
- Free-Run Mode



VGS-1000-3000

Specifications

Model	VGS-1000	VGS-1500	VGS-2000	VGS-3000	VGS-6000	VGS-10K
Configuration						
Capacity (VA)	1000 VA	15000 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 Type					
Phase	Single Phase					
Energy Saving	Yes - ECO Mode Efficiency >94%					
Input						
Voltage	100 / 110 / 115 / 120 / 127 Vac or 208 / 220 / 230 / 240 Vac				208 / 220 / 230 / 240 Vac	
Input Voltage Range (110 Vac)	60 - 144 VAC, < 25% Load				120 - 276 VAC, < 25% Load	
	70 - 144 VAC, < 50% Load					
	80 - 144 VAC, < 75% Load					
	90 - 144 VAC, < 100% Load					
Input Voltage Range (220 Vac)	120 - 276 VAC, < 25% Load				140 - 276 VAC, < 50% Load	
	140 - 276 VAC, < 50% Load				160 - 276 VAC, < 75% Load	
	160 - 276 VAC, < 75% Load				180 - 276 VAC, < 100% Load	
	180 - 276 VAC, < 100% Load					
Input Frequency Range	50 / 60 Hz (Auto Sensing)					
Input Power Factor	>0.97					
Cold Start	Yes					
Output						
Rated Power Factor	0.9					
Waveform	Pure Sine Wave					
Voltage	100 / 110 / 115 / 120 / 127 Vac or 208* / 220 / 230 / 240 Vac ± 2%				208* / 220 / 230 / 240 Vac ± 2%	
Frequency	50 / 60 Hz ±0.25 Hz					
Transfer Time	0 ms					
Harmonic Distortion	≤2.5% THD at Linear Load				≤3% THD at Linear Load	
Crest Factor	3 : 1					
EPO Function	Yes					
Protection						
Overload	Line Mode	105% - 120% for 30 seconds				
	Battery Mode	121% - 150% for 10 seconds				
Surge Protection	101% - 109% for 10 seconds					
Bypass	IEC 61000-4-5 Level 3					
Short Circuit Protection	Internal Bypass (Automatic and Manual) UPS Output Cut Off Immediately					
Battery						
Type	12V 7Ah	12V 7Ah	12V 7Ah	12V 7Ah	12V 7Ah	12V 9Ah
Quantity	3	4	6	8	20	20
Sealed, Maintenance Free	Yes					
Typical Recharge Time	4 hr to 90%					
External Battery Module	Option					
External Battery Connector	Option					
Management & Communication						
Indicator	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 590 x 570	257 x 690 x 585
Weight (kgs)	15.2	19.4	28.8	30	86	96.5
Shipping Dimensions (mm)	280 x 545 x 355	280 x 625 x 356	340 x 526 x 485	415 x 760 x 800	415 x 760 x 800	405 x 860 x 800
Shipping Weight (kgs)	17.4	21.3	31.6	32.9	93.5	112

* While 208V output, capacity will be derated to 90%.
 ** Specifications are subject to change without further notice.
 ** Specifications are for reference, actual information should be based on real product.

OUTPUT RECEPTACLE OPTION

