

PRODUCT SPECIFICATIONS

MODEL		VGS-1500	VGS-2000	VGS-3000
CONFIGURATION				
Capacity (VA)		1500 VA	2000 VA	3000 VA
Capacity (Watts)		1350 W	1800 W	2700 W
Form		Tower Type		
Phase		Single Phase		
Energy Saving		Yes - ECO Mode Efficiency >94%		
INPUT				
Voltage		100 / 110 / 115 / 120 / 127 Vac		
Input Voltage Range (110 Vac)		60 - 144 VAC, < 25% Load		
		70 - 144 VAC, < 50% Load		
		80 - 144 VAC, < 75% Load		
		90 - 144 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		
Frequency		50 / 60 Hz ±0.25 Hz		
Transfer Time		0 ms		
Harmonic Distortion		≤ 2.5% THD at Linear Load		
Crest Factor		3:1		
EPO Function		Yes		
PROTECTION				
Overload	Line Mode	105% - 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		
BATTERY				
Type		12V 7Ah	12V 7Ah	12V 7Ah
Quantity		4	6	8
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 twoe		
SNMP Slot		Option		
Audible Alarms		Yes		
PHYSICAL				
Dimensions (WxDxH) (in)		5.98 x 19.68 x 9.48	8.85 x 16.53 x 14.09	8.85 x 16.53 x 14.09
Weight (lbs)		42	63.49	66.13
Shipping Dimensions (in)		11.02 x 24.60 x 14.01	13.38 x 20.70 x 19.09	13.38 x 20.70 x 19.09
Shipping Weight (lbs)		46.95	69.66	72.53
AGENCY LISTING				
Listing		UL 1778		

KEY FEATURES

- ON-LINE UPS DESIGN
- PURE SINEWAVE OUTPUT
- DOUBLE CONVERSION TECHNOLOGY
- HIGH EFFICIENCY MODE
- ADVANCE BATTERY MANAGEMENT
- SIMPLE AND CLEAR LCD INDICATOR
- OVERLOAD, SURGE, SHORT CIRCUIT PROTECTION
- TOWER TYPE DESIGN
- FREE RUN MODE
- INPUT PLUG
1500 (5-15P)
2000 (5-20P)
3000 (L5-30P)
- OUTPUT RECEPTACLE
1500 (3) 5-15R DUPLEX
2000 (6) 5-20R DUPLEX
3000 (3) 5-20R DUPLEX & (1) L5-30R



WE ARE DEDICATED TO PRODUCING THE BEST POWER QUALITY SOLUTIONS AND PRODUCTS FOR YOUR BUSINESS.

We manufacture power quality solutions using proven technology and the latest industry knowledge to deliver the cleanest, most reliable power available to businesses in a diverse range of markets and industries.

NXTPOWER

7051 W Wilson Ave, Norridge, IL 60706

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(877) NXT-POWR or (877) 698-7697

PRODUCT SPECIFICATIONS

MODEL

VGS-3000

CONFIGURATION	
Capacity (VA)	3000 VA
Capacity (Watts)	2700 W
Form	Tower Type
Phase	Single Phase
Energy Saving	Yes - ECO Mode Efficiency >94%
INPUT	
Voltage	208 / 220 / 230 / 240 Vac
Input Voltage Range (220 Vac)	120 - 276 VAC, < 25% Load
	140 - 276 VAC, < 50% Load
	160 - 276 VAC, < 75% 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	208 / 220 / 230 / 240 Vac \pm 2%
Frequency	50 / 60 Hz \pm 0.25 Hz
Transfer Time	0 ms
Harmonic Distortion	\leq 2.5% THD at Linear Load \leq 3% THD at Linear Load
Crest Factor	3 : 1
EPO Function	Yes
PROTECTION	
Overload	Line Mode
	105% - 120% for 30 seconds 121% - 150% for 10 seconds
Battery Mode	101% - 109% for 10 seconds 110% - 120% for 03 seconds
Surge Protection	IEC 61000-4-5 Level 3
Bypass	Internal Bypass (Automatic and Manual)
Short Circuit Protection	UPS Output Cut Off Immediately
BATTERY	
Type	12V 7Ah
Quantity	8
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)	225 X 420 X 358
Weight (kgs)	30
Shipping Dimensions (mm)	340 X 526 X 485
Shipping Weight (kgs)	32.9

* While 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.

KEY FEATURES

- ON-LINE UPS DESIGN
- PURE SINEWAVE OUTPUT
- DOUBLE CONVERSION TECHNOLOGY
- HIGH EFFICIENCY MODE
- ADVANCE BATTERY MANAGEMENT
- SIMPLE AND CLEAR LCD INDICATOR
- OVERLOAD, SURGE, SHORT CIRCUIT PROTECTION
- MONITORING CONNECTIVITY
- GENERATOR COMPATIBLE
- FREQUENCY STABILIZING FEATURE
- SELECTABLE OUTPUT VOLTAGE
- TOWER TYPE DESIGN
- FREE RUN MODE
- DETACHABLE POWER CORD WITH L6-20P
- OUTPUT RECEPTACLE (8) IEC C13 AND (1) IEC C19

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