

HIGH VOLTAGE MODEL

> VANGUARD II SERIES ONLINE UPS

The NXT Power Vanguard Series is a double conversion topology UPS system. It provides true sinewave output to critical applications and equipment that requires seamless power correction. The VANGUARD UPS line offers generator compatibility and delivers continuous AC Power with zero transfer time. It's high frequency mode along with advanced battery management makes it eco-friendly.

POWER QUALITY TO PUT YOUR TRUST IN

The NXT Power Vanguard UPS line has an internal static bypass, ensuring that if your UPS experiences a catastrophic failure or requires maintenance, you may be able to keep your critical systems online during repair or replacement. Designed to stabilize voltage, including over voltage, lower voltage and provide stable voltage for critical devices. The NXT Power Vanguard double conversion topology UPS systems are specifically designed for high-end IT systems, corporate servers, lab equipment and other critical or sensitive electronic devices.



SUITABLE FOR USE WITH:

- > Clinical Diagnostics
- > Analytical Instrumentation
- > Laboratory Applications

SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- On-Line UPS with Tower Type Design
- Pure Sinewave Output with Double Conversion Topology
- Designed for Advance Mission Critical Systems
- Hot Swappable Battery Replacement (Option)
- High Efficiency Mode and Free-Run Mode Available
- Includes NXT Power 3-year Warranty
- CE Marked

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, MaintenanceFree		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



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.

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