

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
- Overload, Surge, Short Circuit Protection
- CE Marked

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 FrequenycRange	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	Interna 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

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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