NXTPOWER

ADVANCED ELECTRONIC & POINT OF SALE SYSTEMS

❯ VANGUARD 700 SERIES ONLINE UPS

The NXT Power Vanguard 700 Series is a high-frequency double conversion topology UPS system with real sine wave output to ensure filtered and reliable power support. It's eco-friendly high-efficiency feature reduces unnecessary power consumption by 95%+ operating efficiency.

POWER QUALITY TO PUT YOUR TRUST IN

The NXT Power Vanguard 700 Series Online UPS comprehensive monitoring features like status display, scheduled event, and setting accessability via either a mobile device or computer.

Designed to stabilize voltage, including over voltage, lower voltage and provide stable voltage for critical devices.

The NXT Power Vanguard 700 series double conversion topology UPS systems are specifically designed for advanced eletronical devices found in laboratories and in retail spaces.

SUITABLE FOR USE WITH:

❯ **Point of Sales & Retail Systems**

❯ **Analytical Instrumentation**

❯ **Laboratory Applications**

SUPERIOR POWER PROTECTION
BENEFITS & FEATURES

- On-Line UPS Design
- Pure Sinewave Output with Double Conversion Topology
- UL Listed 1778

- Designed for Advanced Electronic Systems
- Hot Swappable Battery Replacement (Option)
- High Efficiency Mode and Free-Run Mode Available
- Includes NXT Power 3-year Warranty
- Backup Battery Run Time 5 minutes at Full Load

› PRODUCT SPECIFICATIONS

MODEL	VGD-700		
CONFIGURATION			
Capacity (VA)	700 VA		
Capacity (Watts)	490 W		
Form	TowerType		
Phase	Single Phase		
Energy Saving	Yes - ECO Mode Efficiency >94%		
INPUT			
Voltage	100 / 110 / 115 / 120 / 127 Vac or 208 / 220 / 230 / 240 VAC		
Input Voltage Range (110 Vac)	60 - 144 VAC < 40% Load		
	70 - 144 VAC < 70% Load		
	80 - 144 VAC < 100% Load		
Input Frequency Range	50 / 60 Hz (Auto Sensing)		
Input Power Factor	>0.97		
Cold Start	Yes		
OUTPUT			
Rated Power Factor	0.7		
Waveform	Pure Sine Wave		
Voltage	100 / 110 / 115 / 120 / 127 Vac		
Frequency	50 / 60 Hz ±0 .5 %		
Transfer Time	0 ms		
Harmonic Distortion	$\leq$ 3% THD at Linear Load		
Crest Factor	3 : 1		
EPO Function	Yes		
PROTECTION			
Overload	Line Mode	110% - 125% for 60 seconds ; 125% - 150% for 10 seconds	
	Battery Mode	> 110% for 10 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	2		
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 card (Option)		
Audible Alarms	Yes		
SNMP Slot	Option		
PHYSICAL			
Dimensions (WxDxH) (mm)	152 X 420 X 237		
Weight (kgs)	15.3	16	17.7
Shipping Dimensions (mm)	280 X 545 X 355		
Shipping Weight (kgs)	17.5	17.4	19.5
AGENCY LISTING			
Listing	UL 1778		

** Specifications are subject to change without further notice.

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

OUTPUT RECEPTACLE OPTION

TYPE **B**

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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