

FOR USE WITH LARGE INDUSTRIAL SYSTEMS

## > VANGUARD THREE-PHASE UPS SERIES LINE

Our NXT Power Vanguard Three-Phase UPS is a true online double conversion UPS. Its sleek, forward-thinking design provides maximized uptime with clean and uninterrupted power for your mission-critical applications with industry-leading efficiency, durability, and performance.

### POWER QUALITY YOU CAN RELY ON

The Vanguard 3 Phase UPS is engineered and built to power larger critical systems having high inrush current and high crest factor. Low input THDi and high input power factor characteristics result in reduced installation costs. High efficiency design means very low operating costs. State of the art manufacturing using only high quality components results in a highly reliable and durable product.



### SUITABLE FOR USE WITH:

- > Industrial Microprocessor Based Equipment
- > Clinical Diagnostics Application
- > Sophisticated computer loads

## SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- Help your customers protect their electronic systems and ensure uninterrupted uptime all day, every day
- Advanced Operation Interface - LCD Touchscreen
- High Input Power Factor >0.99 & Outout Power Factor 1.0
- UL Listed
- Built-in High Current Battery Charger and Flexible Battery Configuration
- 3 Level IGBT Technology
- NXT Wordclass Service & Support Included
- All models include NXT Power three-year warranty on batteries, parts and labor

# SPECIFICATIONS

	10KVA	15KVA	20KVA	30KVA	40KVA	
INPUT	Voltage208V 3 Phase + N					
	Voltage Tolerance±20% @100% load, -40% ~-20% @50% load					
	Frequency40~70Hz					
	Power Factor0.99					
	THDi3% @100% load					
OUTPUT	Voltage200/208/220V 3 Phase + N					
	Voltage Tolerance±1% (Static Load)					
	Frequency50/60Hz					
	Frequency Tolerance0.05% (free running)					
	Power Factor1.0					
	Crest Factor3:1					
	Voltage Harmonic Distortion<1% with linear load<3% with non-linear load					
	Overload110% for 60 minutes, 125% for 10 minutes, 150% for 1 minute					
BYPASS	Voltage200/208/220V 3 Phase + N					
	Voltage Tolerance±5%~±30% (Programmable)					
	Frequency50/60Hz					
	Frequency Tolerance±1Hz/±3Hz (Selectable)					
BATTERY	Nominal Battery Voltage192VAC - 240VAC					
	Charging Current @ 100%load	3.5 A	5 A	7 A	10 A	13 A
	Max. Charging Current	10 A	15 A	21 A	30 A	42 A
	Internal Battery	Up to 12V 7/9AH x 40pcs	Up to 12V 7/9AH x 60pcs		Up to 12V 7/9AH x 80pcs	
	Runtime	6 Mins	8 Mins	6 Mins	6 Mins	4 Mins
EFFICIENCY	VFI Mode	93.5%	94.0%	94.5%	94.5%	94.5%
	ECO Mode	>98%				
FUNCTION	DC StartYes					
	Parallel (Optional)	Up to 6 units				
PHYSICAL	Dimensions (W x D x H) [in]	10.23 x 33.46 x 35.00	16.14 x 33.46 x 38.40		16.14 x 33.46 x 49.21	
	Weight (w/o battery) [kg]	76	105	115	155	160
INTERFACE	Display and MMID4.3" Colorful LCD Touch Screen					
	Built-in Communication PortUSB, EPO, Dry Contact					
	Optional Communication2 Communication Slots for SNMP Card, RS-485 Modbus Card, Dry Contact Card					
ENVIROMENT	Operation Temperature0~40C					
	Operation Humidity0~95% (without condensation)					
	Altitude< 1000 m without derating					
	Nose Level (at 1 meter)	< 55dB			<60 dB	
TESTED	SafetyUL 1778 (CSA C22.2 NO.107.3) 5th edition 2017					
	EMCFCC 15B, class A					
	MarkUL/cUL, FCC					