



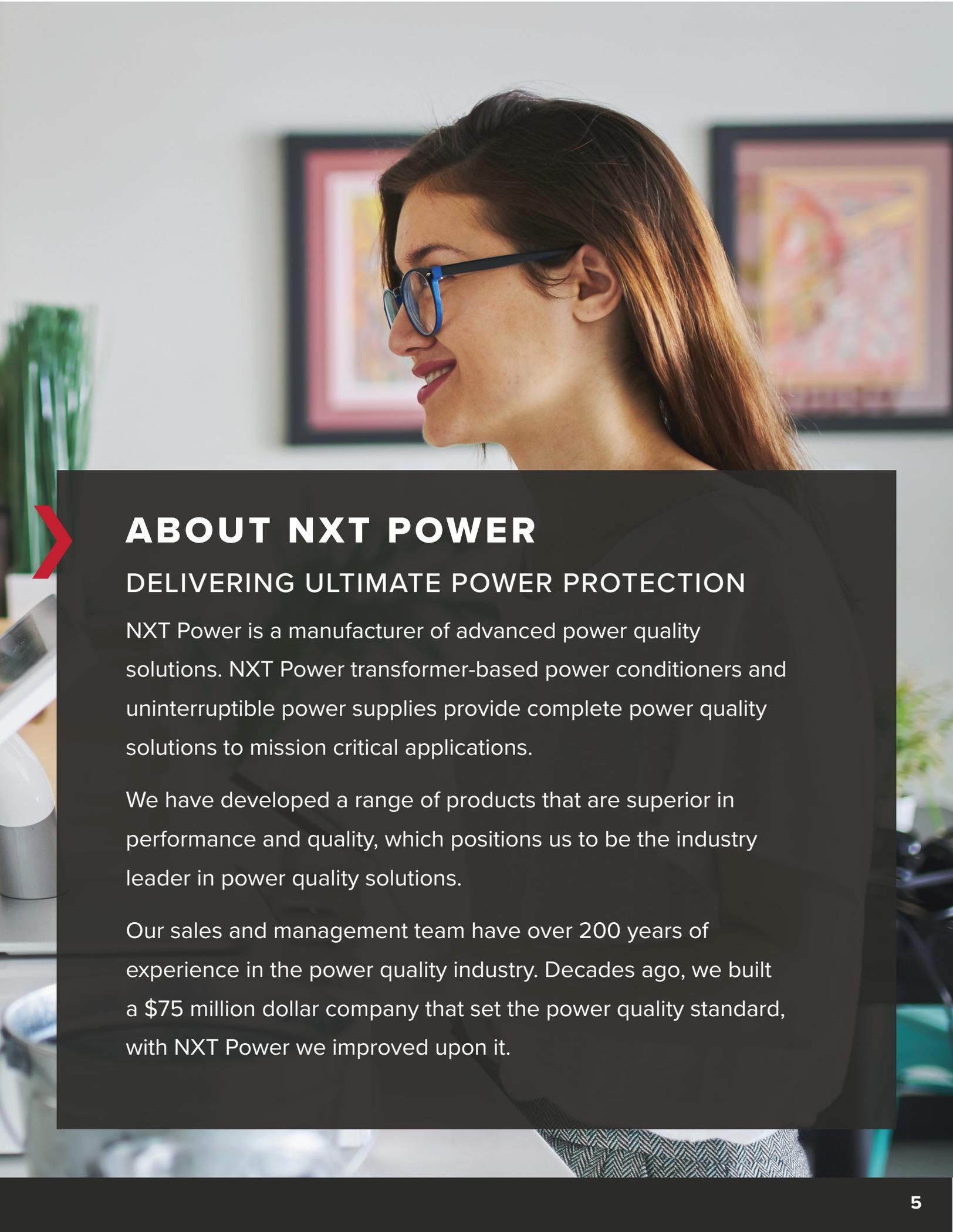
NXT *POWER*[®]
PRODUCT CATALOG



TABLE OF CONTENTS

ABOUT NXT POWER	4
THE COST OF POWER PROBLEMS	6
THE FIVE KEY POWER PROBLEMS	8
INTEGRITY LINE	10
INTEGRITY STANDARD POWER CONDITIONER LINE	12
INTEGRITY MEDICAL POWER CONDITIONER LINE	14
INTEGRITY SINGLE-PHASE POWER CONDITIONER LINE	16
INTEGRITY THREE-PHASE POWER CONDITIONER LINE	18
INTEGRITY MAX UPS SERIES	20
INTEGRITY PRO UPS SERIES	26
VANGUARD SERIES ONLINE UPS	32
VANGUARD THREE-PHASE ONLINE UPS	34
SERVICE & SUPPORT	36
CONTACT US	37





ABOUT NXT POWER

DELIVERING ULTIMATE POWER PROTECTION

NXT Power is a manufacturer of advanced power quality solutions. NXT Power transformer-based power conditioners and uninterruptible power supplies provide complete power quality solutions to mission critical applications.

We have developed a range of products that are superior in performance and quality, which positions us to be the industry leader in power quality solutions.

Our sales and management team have over 200 years of experience in the power quality industry. Decades ago, we built a \$75 million dollar company that set the power quality standard, with NXT Power we improved upon it.



THE COST OF POWER PROBLEMS

The effects of poor power quality impact every system of every size, and will cause equipment downtime, damage and/or data loss unless protected. Sudden power loss, power disruption, common mode voltages, and even subtle power disturbances in many instances are responsible for system lockups and system failures. Resulting in immediate and unrecoverable loss of critical data and damage to electronic hardware used in various enterprise systems.



High frequency noise and power failures account for significant computer data loss, which can be greatly reduced with the proper power protection solution.

The Electric Power Research Institute (EPRI) estimates that power outages and other power problems cost the U.S. economy up to \$188 billion per year, an unnecessary expense for users who can take proactive steps to protect their equipment.



Instances, such as blackouts can knock computers off-line, causing business and productivity downtime, which costs time and money when equipment does not receive proper power.

High voltage transients conducted through the commercial power distribution network also destroy sensitive electronic equipment or otherwise degrade the performance and reliability of it without users even knowing the cause. On average, one transient of 100 to 1000 volts occurs every day in a typical electrical environment. These transients often exceed the voltage tolerances of electronic components resulting in the loss of useable semiconductor material, leaving behind less material to handle the current needs of the circuit. Which in turn further degrades performance over time until failure occurs. Determining the cause is difficult to impossible since the damage is internal to the component and no outward signs of degradation or failure may be present.



THE FIVE KEY POWER PROBLEMS >

While power irregularities are inevitable, their effects should not affect your systems if the proper steps are taken to protect them. Something as simple as common mode voltage may not seem detrimental—in fact, it may go unnoticed until your equipment fails. Our Integrity Series of products are here to help protect you when these problems occur.

1.) HIGH VOLTAGE TRANSIENTS

Significant amounts of energy that cause catastrophic component failure are a direct result of a high voltage transient. This high voltage transient is a spike of electrical current which can originate from the utility company or a lightning strike.

SOLUTION: : An NXT Power Integrity Series Power Conditioner

2.) ELECTRICAL LINE NOISE

In all electronic applications, line noise is created by the use of AC power.

Electrical line noise can erode sensitive electronic components as it can also impede with the operation of digital circuits.

SOLUTION: An NXT Power Integrity Series Power Conditioner

3.) VOLTAGE SAG & SWELL

A voltage sag or swell is caused by an over or under voltage within or outside of your facility. Typically caused by some loading event.

SOLUTION: An NXT Power Integrity Series Power Conditioner or UPS Line.

4.) COMMON MODE VOLTAGE

Common mode voltage are disturbances from the electrical line to ground or neutral to ground. These disturbances are highly troublesome to micro-processor applications.

SOLUTION: An NXT Power Integrity Series Power Conditioner

5.) POWER OUTAGE

A blackout or a power outage is the total loss of utility power to an area and is the most severe form of power outage that can occur. Outages may last from less than a second to weeks depending on the nature of the blackout.

SOLUTION: An NXT Power Integrity Series UPS System



NXT *POWER*

INTEGRITY SERIES

INTEGRITY: THE CONDITION OF BEING UNIFIED, UNIMPAIRED OR SOUND IN CONSTRUCTION.

Our Integrity Product Line is engineered to prevent hardware damage and system intruptions by utilizing a surge diverter, a low-impedance isolation transformer and noise filtering for optimal performace. Our Integrity Product Line helps our customers receive clean, more reliable power thus avoiding destruction, degradation, and disruption. With the goal of achieving long-term cost savings through reduced service calls and costly downtime.

POWER CONDITIONERS (.80 VA – 30 kVA)

- Integrity Standard
- Integrity Medical
- Integrity Single-Phase
- Integrity Three-Phase

UNINTERRUPTIBLE POWER SYSTEMS (UPS) 2 – 10 kVA

- Integrity Max
- Integrity Max R/T
- Integrity Pro Series

FOR MICROPROCESSOR BASED ELECTRONIC EQUIPMENT

› INTEGRITY STANDARD POWER CONDITIONER

NXT Power solutions provide the cleanest available power for your equipment. That is because every NXT Power “INTEGRITY” power conditioner combines surge diversion with a highly effective low impedance isolation transformer and noise filtering.



ELEVATE YOUR POWER QUALITY GAME

Extremely low output impedance makes it ideal for modern computer loads. Outstanding load regulation and inrush capability reduces cost by eliminating oversizing.

Common-mode voltage is one of the biggest challenges computers face because they can cause system lockups, data losses, and “No Trouble Found” service calls with no visible warnings. Put your trust in our power conditioners to protect your sensitive electronic equipment from common mode voltages.

SUITABLE FOR USE WITH:

- › Analyzers
- › ATMs
- › Instrumentation
- › Point-of-sale (POS) systems
- › Security systems
- › Other microprocessor-based electronics

SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- Help your customers protect their electronic systems and ensure uptime all day, every day.
- Enjoy peace of mind knowing equipment is protected from problems due to common-mode voltage, spikes and transients, and more.
- Let through voltage is less than 10 volts normal mode and less than 0.5 volts neutral-to-ground when tested to ANSI/IEEE C62.41, category A&B.
- Product line options range from 80 VA to 2000 VA.

PRODUCT SPECIFICATIONS

NORTH AMERICA

MODEL #	INPUT VOLTAGE AC~	OUTPUT VOLTAGE AC~	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (VA)	FREQUENCY (HZ)	CASE SIZE (IN)	SHIP WEIGHT (LBS)
NPT80-N	120	120	0.70	80	60	4.3 x 5.25 x 8.0	7
NPT120-N	120	120	1.0	120	60	4.3 x 5.25 x 8.0	10
NPT180-N	120	120	1.5	180	60	4.3 x 5.25 x 8.0	10
NPT240-N	120	120	2.0	240	60	4.3 x 5.25 x 8.0	12
NPT360-N	120	120	3.0	360	60	4.3 x 5.25 x 8.0	14
NPT480-N	120	120	4.0	480	60	4.3 x 5.25 x 8.0	16
NPT600-N	120	120	5.0	600	60	6.5 x 7.0 x 9.75	20
NPT720-N	120	120	6.0	720	60	6.5 x 7.0 x 9.75	25
NPT840-N	120	120	7.0	840	60	6.5 x 7.0 x 9.75	28
NPT1000-N	120	120	8.3	1000	60	6.5 x 7.0 x 9.75	30
NPT1200-N	120	120	10.0	1200	60	9.25 x 10.5 x 12.75	32
NPT1500-N	120	120	12.0	1440	60	9.25 x 10.5 x 12.75	37
NPT2000-N	120	120	16.0	1920	60	9.25 x 10.5 x 12.75	47

INTERNATIONAL

MODEL #	INPUT VOLTAGE AC~	OUTPUT VOLTAGE AC~	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (V/A)	FREQUENCY (HZ)	CASE SIZE (CM)	SHIP WEIGHT (KG)
NPT80-i	200-240	200-240	0.35	80	50/60	10.92 x 13.33 x 20.32	3.62
NPT240-i	200-240	200-240	1.0	240	50/60	10.92 x 13.33 x 20.32	4.98
NPT480-i	200-240	200-240	2.0	480	50/60	16.51 x 17.78 x 24.76	8.16
NPT780-i	200-240	200-240	3.25	780	50/60	16.51 x 17.78 x 24.76	12.24
NPT1000-i	200-240	200-240	4.10	1000	50/60	16.51 x 17.78 x 24.76	14.06
NPT1200-i	200-240	200-240	5.4	1200	50/60	23.49 x 26.67 x 32.38	15.42
NPT1500-i	200-240	200-240	6.5	1500	50/60	23.49 x 26.67 x 32.38	17.69
NPT2000-i	200-240	200-240	8.5	2000	50/60	23.49 x 26.67 x 32.38	22.22

ADD-ONS

Wall mounts are available for all models. Contact your sales representative for more information.

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.

FOR MICROPROCESSOR-BASED MEDICAL ELECTRONIC EQUIPMENT

› INTEGRITY MEDICAL POWER CONDITIONER



Our NXT Power Medical Power Conditioners combine a low impedance isolation transformer as well as a surge diverter and power line filter to eliminate noise, spikes, and transients before they have a chance to create catastrophic damage on your equipment.

POWER QUALITY YOU CAN RELY ON

Each medical instrument has special power protection needs. Systems such as patient monitors, imaging equipment, and other various computer systems used within the patient vicinity require special safety precautions. Our medical power conditioners are the perfect solution. They are built to keep patients safe and meet the safety requirements of IEC60601 and UL60601 to deliver clean, conditioned power.

SUITABLE FOR USE WITH:

- › Patient monitors
- › Imaging equipment
- › Diagnostic equipment
- › Instrumentation
- › Computer systems
- › Any microprocessor-based medical equipment

SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- Help your medical-based customers protect their electronic systems and ensure uninterrupted uptime all day, every day.
- Enjoy peace of mind knowing equipment is protected from problems due to common-mode voltage, power outages, spikes and transients, and more.
- Let through voltage is less than 10 volts normal mode and less than 0.5 volts neutral-to-ground when tested to ANSI/IEEE C62.41
- Product line options range from 240 VA to 2000 VA
- For patient safety, leakage current is less than 300 μ A
- All plugs and receptacles are hospital grade (North American)

PRODUCT SPECIFICATIONS

NORTH AMERICA (120 VAC)

MODEL #	INPUT VOLTAGE AC~	OUTPUT VOLTAGE AC~	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (VA)	FREQUENCY (HZ)	CASE SIZE (IN)	SHIP WEIGHT (LBS)
NPT240-M-N	120	120	2.0	240	60	4.3 x 5.25 x 8.0	12
NPT360-M-N	120	120	3.0	360	60	4.3 x 5.25 x 8.0	14
NPT480-M-N	120	120	4.0	480	60	4.3 x 5.25 x 8.0	16
NPT600-M-N	120	120	5.0	600	60	6.5 x 7.0 x 9.75	20
NPT720-M-N	120	120	6.0	720	60	6.5 x 7.0 x 9.75	25
NPT840-M-N	120	120	7.0	840	60	6.5 x 7.0 x 9.75	28
NPT1000-M-N	120	120	8.3	1000	60	6.5 x 7.0 x 9.75	30
NPT1200-M-N	120	120	10.0	1200	60	9.25 x 10.5 x 12.75	32
NPT1500-M-N	120	120	12.0	1440	60	9.25 x 10.5 x 12.75	37
NPT2000-M-N	120	120	16.0	1920	60	9.25 x 10.5 x 12.75	47

INTERNATIONAL (200 - 230 VAC)

MODEL #	INPUT VOLTAGE AC~	OUTPUT VOLTAGE AC~	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (V/A)	FREQUENCY (HZ)	CASE SIZE (CM)	SHIP WEIGHT (KG)
NPT480-M-i	200-240	200-240	2.0	480	50/60	16.51 x 17.78 x 24.76	8.16
NPT780-M-i	200-240	200-240	3.25	780	50/60	16.51 x 17.78 x 24.76	12.24
NPT1000-M-i	200-240	200-240	4.10	1000	50/60	16.51 x 17.78 x 24.76	14.06
NPT1200-M-i	200-240	200-240	5.4	1200	50/60	23.49 x 26.67 x 32.38	15.42
NPT1500-M-i	200-240	200-240	6.5	1500	50/60	23.49 x 26.67 x 32.38	17.69
NPT2000-M-i	200-240	200-240	8.5	2000	50/60	23.49 x 26.67 x 32.38	22.22

ADD-ONS

Additional features and wall mounts are available for all models.

Contact your sales representative for more information.

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.

FOR SMALL OR MID-RANGE ELECTRONIC SYSTEMS

› INTEGRITY SINGLE-PHASE POWER CONDITIONER



Our NXT Power Single-Phase 208/240V Power Conditioners can save you time and frustration from downtime. Designed for use with large power loads or those applications with dual-voltage requirements. Designed for small or mid-range computer systems, analytical instrumentation, computer controlled equipment, or other critical equipment which requires more power.

EXPERIENCE SUPERIOR POWER PROTECTION

When electrical noise is generated on the line or by the load, thanks to the low impedance isolation transformer found in our conditioners, our NXT Power power conditioners protect your system from all the problems caused by power disturbances, ranging from “No Trouble Found” service calls to the loss of data and hardware damage.

SUITABLE FOR USE WITH:

- › Analytical instrumentation
- › Semi-Conductor process equipment
- › Computer and network systems
- › Computer controlled equipment
- › Other small-to-mid range electrical systems

SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- Help your customers protect their electronic systems and ensure uptime all day, every day.
- Enjoy peace of mind knowing equipment is protected from problems due to common-mode voltage, power outages, spikes and transients, and more.
- Let through voltage is less than 10 volts normal mode and less than 0.5 volts. Neutral-to-ground when tested to ANSI/IEEE C62.41, Category A&B.
- Product line options are from 2 kVA to 7 kVA.
- Provides clean power at 208 or 240 VAC input and 208/240/120 VAC output for loads up to 29 amps.

INTEGRITY SINGLE-PHASE POWER CONDITIONER

PRODUCT SPECIFICATIONS

NORTH AMERICA

MODEL #	INPUT VOLTAGE AC [~]	OUTPUT VOLTAGE AC [~]	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (VA)	FREQUENCY (HZ)
NPT2000-X-NS	208 or 240	208, 240/120	9.6	2000	60
NPT2300-NS	208 or 240	240/120	9.6	2300	60
NPT2500-X-NS	208 or 240	208, 240/120	12.0	2500	60
NPT2800-NS	208 or 240	240/120	12.0	2800	60
NPT3000-X-NS	208 or 240	208, 240/120	14.4	3000	60
NPT3300-X-NS	208 or 240	208, 240/120	16.0	3300	60
NPT3500-NS	208 or 240	240/120	14.4	3500	60
NPT3800-NS	208 or 240	240/120	16.0	3800	60
NPT5000-X-NS	208 or 240	208, 240/120	24.0	5000	60
NPT5800-NS	208 or 240	240/120	24.0	5800	60
NPT6000-H-NS	208 or 240	208, 240/120	29.0	6000	60
NPT7000-H-NS	208 or 240	240/120	29.0	7000	60

ADDITIONAL PRODUCT INFORMATION

- X: H (Hardwired)
- Case Size: 11.25 in x 14.65 in x 18.1 in

ADD-ONS

- Hardwired models and plug/receptacle models are available for all models. Contact your sales representative for more information.

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



FOR MEDIUM OR LARGE ELECTRONIC SYSTEMS

› INTEGRITY THREE-PHASE POWER CONDITIONER

Designed for use with large system power requirements, the Integrity 3-Phase allows you to control the electrical environment feeding your sensitive electronic systems, increasing uptime, reducing service calls, and increasing productivity.

EXPERIENCE SUPERIOR POWER PROTECTION

Integrity 3-Phase Power Conditioners incorporate a low impedance transformer, as well as a surge diverter and a power line filter to eliminate noise, spikes, and transients from effecting the operation for your electronic systems.

Designed for WORLDWIDE applications.



SUITABLE FOR USE WITH:

- › Semiconductor Manufacturing
- › Digital Printing
- › Computer Controlled Equipment
- › Lab Automation Systems



SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- Protect your electronic systems and ensure uptime all day, every day.
- Peace of mind knowing equipment is protected from problems due to common-mode voltage, spikes, transients, and more.
- Includes emergency machine off (EMO) and lockout/tagout breaker.
- Let through voltage is less than 10 volts normal mode and less than 0.5 volts. Neutral-to-ground when tested to ANSI/IEEE C62.41, Category A&B.
- Power options from 10 kVA to 150 kVA 3-Phase.
- Provides clean power at 208, 240, or 480 delta input and 208/120, 400/230 or 480/277 wye output.
- UL listed
- Includes NXT Power 5 Year Warranty



INTEGRITY THREE-PHASE POWER CONDITIONER

> PRODUCT SPECIFICATIONS

WORLDWIDE

MODEL #	INPUT VOLTAGE AC [~]	OUTPUT VOLTAGE AC [~]	MAXIMUM POWER (KVA)	FREQUENCY (HZ)
NPT10.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	10 kVA	50/60
NPT15.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	15 kVA	50/60
NPT20.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	20 kVA	50/60
NPT30.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	30 kVA	50/60
NPT36.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	36 kVA	50/60
NPT40.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	40 kVA	50/60
NPT45.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	45 kVA	50/60
NPT55.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	55 kVA	50/60
NPT65.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	65 kVA	50/60
NPT75.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	75 kVA	50/60
NPT85.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	85 kVA	50/60
NPT100.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	100 kVA	50/60
NPT125.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	125 kVA	50/60
NPT150.0-H-N	208, 240 or 480	208/120, 400/230 or 480/277	150 kVA	50/60

ADDITIONAL PRODUCT INFORMATION

- Measurements of model(s) NPT10.0-H-N to NPT30.0-H-N are 29.3in(H) x 20in(L) x 32.70in(D)
- Measurements of model(s) NPT36.0-H-N to NPT75.0-H-N are 42in(H) x 20in(L) x 41.41in(D)
- Measurements of model(s) NPT85.0-H-N to NPT150.0-H-N are 60.6in(H) x 28in(L) x 46.10in(D)

FOR USE WITH CLINICAL DIAGNOSTIC LABORATORY SYSTEMS

> INTEGRITY MAX SERIES UPS LINE

Our NXT Power Integrity Max is a true online double conversion UPS. Its sleek, forward-thinking, and eco-friendly design provides stable and uninterrupted power for your mission-critical application with industry-leading efficiency, durability, and performance.

POWER QUALITY YOU CAN RELY ON

The industry-leading UPS Line is built to power sophisticated computer loads—systems with high inrush current and high crest factors—which eliminates oversizing and reduces operating costs. You can custom design the output receptacle panel and input line cord for faster and simpler onsite set up.



SUITABLE FOR USE WITH:

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

SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- Help your customers protect their electronic systems and ensure uninterrupted uptime all day, every day
- Enjoy peace of mind knowing equipment is protected from problems due to common-mode voltage, power outages, spikes and transients, and more
- UL Listed and CE marked
- Worldwide voltage and frequency options provided by online inverter
- Unity output power factor for most units
- Stable output over a wide range of input voltage and frequencies
- (New) Online double conversion topology Product line options range from 2 kVA to 10 kVA
- All models include NXT Power three-year warranty on batteries, parts and labor

> PRODUCT SPECIFICATIONS

MODEL #	INPUT VOLTAGE AC [~]	OUTPUT VOLTAGE AC [~]	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (VA)	FREQUENCY (HZ)
NPTU2200-0	200 - 240	120/200/208/ 220/230/240	10	2200	50/60
NPTU3200-0	200 - 240	120/200/208/ 220/230/240	14.5	3200	50/60
NPTU4200-0	200 - 240	120/200/208/ 220/230/240	19	4200	50/60
NPTU5200-0	200 - 240	120/200/208/ 220/230/240	23.6	5200	50/60
NPTU6000-0	200 - 240	120/200/208/ 220/230/240	27.2	6000	50/60
NPTU8200-0	200 - 240	120/200/208/ 220/230/240	37.2	8200	50/60
NPTU10.0-0	200 - 240	120/200/208/ 220/230/240	45.4	10000	50/60

ADDITIONAL PRODUCT INFORMATION

- Enclosure: 28.4 in x 11.75 in x 33.0 in
- Unit weight for model NPTU2200-0 to NPTU6000-0 is 266 LBS/121 KGS
- Unit weight for model NPTU8200-0 to NPTU10.0-0 is 317 LBS/144 KGS

ADD-ONS

- We offer additional battery cabinets and seismic brackets for all UPS models.
- Custom PDU (rear panels)

Contact your sales representative for more information.

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.

FOR USE WITH ANALYTICAL & CLINICAL DIAGNOSTIC LABORATORY SYSTEMS

INTEGRITY MAX SERIES

UPS LINE

Our new NXT Power Integrity Max L/T is a true online double conversion UPS. Its sleek, forward-thinking, and ergonomic design provides stable and uninterrupted power for your mission-critical application with industry-leading efficiency, durability, and performance.

POWER QUALITY YOU CAN RELY ON

The industry-leading UPS Line is built to power sophisticated computer loads—systems with high inrush current and high crest factors—which eliminates oversizing and reduces operating costs.



SUITABLE FOR USE WITH:

- › Clinical Diagnostics Application
- › Analytical Laboratory Systems
- › Sophisticated computer loads
- › Industrial Microprocessor Equipment

SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- Help your customers protect their electronic systems and ensure uninterrupted uptime all day, every day
- Enjoy peace of mind knowing equipment is protected from problems due to common-mode voltage, power outages, spikes and transients, and more
- UL Listed
- .9 Unity output power factor
- Stable output over a wide range of input voltage and frequencies
- (New) Online double conversion topology
- Product line options range from 2 kVA/120 volts and 3 kVA/120 volts
- All models include NXT Power three-year warranty on batteries and electronics



INTEGRITY MAX SERIES UPS LINE POWER CONDITIONERS

> PRODUCT SPECIFICATIONS

MODEL #	INPUT VOLTAGE AC~	OUTPUT VOLTAGE AC~	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (VA)	FREQUENCY (HZ)
NPTU2000-0	90 - 150	120	16	1920	50/60
NPTU3000-0	90 - 150	120	24	2700	50/60

ADDITIONAL PRODUCT INFORMATION

- Enclosure: 22.0 in x 8.9 in x 22.8 in
- Unit weight for model NPTU2000-0 and NPTU3000-0 is 145 LBS/65.77 KGS
- Optional Battery Cabinet (shown) available for additional runtime (sold separately).



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.

› INTEGRITY MAX R/T SERIES UPS LINE

The NXT Power Integrity Max R/T is the latest product in our UPS line. Its sleek design can be easily integrated into any rack system or stand upright in its tower configuration. Keeping your equipment always online and protected.

INDUSTRY-LEADING EFFICIENCY AND PERFORMANCE

An intelligent and efficient choice for servers, storage, and networks. Providing clean, reliable, and uninterrupted power to ensure uptime. The Integrity Max R/T is designed to protect critical data and equipment from power problems with a low-impedance isolation transformer integrated into the UPS, providing protection to your equipment from electrical power disturbances.



SUITABLE FOR USE WITH:

- › Clinical Diagnostics Application
- › Retail & Industrial Environments
- › Information Technology Equipment

SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- User friendly front display showing real time power data.
- SMNP Capability: enabled and configured to allow remote monitoring and configuration.
- UL/cUL listed to 1778
- Meets FCC Class A as well as meeting NEMA, FAA & DOT guidelines for transportation.
- 120 voltage and 50/60 Hz
- 0.9 output power factor
- Stable output over a wide range of input voltage and frequencies (90 to 150VAC).
- Product line options range from 800 VA to 1500 VA.
- All Integrity R/T models include a NXT Power three-year warranty on electronics and batteries.

PRODUCT SPECIFICATIONS

MODEL #	INPUT VOLTAGE AC [~]	OUTPUT VOLTAGE AC [~]	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (VA)	FREQUENCY (HZ)
NPTU800-OR-N	120	120	6.66	800	50/60
NPTU1100-OR-N	120	120	9.16	1100	50/60
NPTU1500-OR-N	120	120	11.25	1440	50/60



ADDITIONAL PRODUCT INFORMATION

- Enclosure: 3.5 in x 17.32 in x 27.79 in
- Unit weight for all models are 65 lbs/39.4 kgs

ADD-ONS

- Additional battery cabinets.
- SNMP Communications



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

DESKTOP AND INFORMATION TECHNOLOGY APPLICATIONS

› **INTEGRITY PRO** **UPS LINE**

Trustworthy power is a vital element for work productivity. Our NXT Power Integrity Pro UPS line is designed from the ground up to incorporate itself flawlessly and reliably into any environment. The Integrity Pro UPS is the perfect solution for providing clean, conditioned, and uninterrupted power for your advanced devices.



POWER QUALITY YOU CAN RELY ON

Its sleek design is specifically envisioned for bench top applications and devices that are used within various environments. Engineered with a low impedance isolation transformer, surge diverter and noise filter, the UPS is designed to deliver fully conditioned power to prevent electrical noise, spikes, and transients before they can damage or degrade your equipment. Each unit meets the safety requirements of UL 1778.

SUITABLE FOR USE WITH:

- › **Microprocessor-Based Equipment**
- › **Analytical Instruments**
- › **Desktop 3D Printers**
- › **Laboratory Applications**

SUPERIOR POWER PROTECTION **BENEFITS & FEATURES**

- Line interactive UPS with a low impedance isolation transformer
- Help your customers protect their electronic systems and ensure uptime
- USB and optional SNMP communications
- Enjoy peace of mind knowing your equipment is protected from problems due to common-mode voltage, power outages, spikes and transients
- Listed to UL 1778
- Product sizes range from 600VA to 1440VA
- Includes NXT Power Full 3-Year Warranty



PRODUCT SPECIFICATIONS

NORTH AMERICA

MODEL #	INPUT VOLTAGE AC [~]	OUTPUT VOLTAGE AC [~]	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (VA)	FREQUENCY (HZ)	CASE SIZE (IN)
NPTU600-L-N	120	120	5.0	600	60	9.3 x 7.0 x 17.7
NPTU800-L-N	120	120	6.66	800	60	9.3 x 7.0 x 17.7
NPTU1100-L-N	120	120	9.17	1100	60	10 x 8.7 x 20.7
NPTU1500-L-N	120	120	12.0	1440	60	10 x 8.7 x 20.7

INTERNATIONAL

MODEL #	INPUT VOLTAGE AC [~]	OUTPUT VOLTAGE AC [~]	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (VA)	FREQUENCY (HZ)	CASE SIZE (CM)
NPTU1500-L-i	230	230	6.26	1440	50/60	25.4 x 22.0 x 52.5

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

CLINICAL DIAGNOSTIC AND MEDICAL APPLICATIONS

> INTEGRITY PRO MEDICAL UPS LINE

Trustworthy power is a vital element for patient care as well as patient safety. Our NXT Power Integrity Pro Medical UPS line is designed from the ground up to incorporate itself flawlessly and safely into various patient environments. Our Integrity Pro Medical UPS is the perfect solution for providing clean, conditioned, and uninterrupted power for your medical devices.



POWER QUALITY YOU CAN RELY ON

Its sleek design is specifically envisioned for bench top medical devices that are used within the patient's or medical staff's vicinity. Engineered with a low impedance isolation transformer, surge diverter and noise filter, the UPS is designed to deliver fully conditioned power to prevent electrical noise, spikes, and transients before they can damage or degrade your equipment. Each unit meets the safety requirements of IEC60601.1 and UL60601-1 (300 micro amps of leakage current) to ensure both patients and medical staff are safe.

SUITABLE FOR USE WITH:

- > Microprocessor-based Medical Equipment**
- > Patient Monitors**
- > Mobile Nurse Stations**
- > Imaging Equipment**
- > Diagnostic Equipment**
- > Instrumentation**

SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- Line interactive UPS with a low impedance isolation transformer
- Help your medical-based customers protect their electronic systems and ensure uptime
- USB and optional SNMP communications
- Enjoy peace of mind knowing your equipment is protected from problems due to common-mode voltage, power outages, spikes and transients
- Listed to UL 60601-1 and safety requirements of IEC60601.1 (300 micro amps of leakage current)
- Product sizes range from 600VA to 1440VA
- All plugs and receptacles are hospital grade (North American)



INTEGRITY PRO MEDICAL UPS LINE POWER CONDITIONERS

▶ PRODUCT SPECIFICATIONS

NORTH AMERICA

MODEL #	INPUT VOLTAGE AC~	OUTPUT VOLTAGE AC~	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (VA)	FREQUENCY (HZ)	CASE SIZE (IN)
NPTU600-LM-N	120	120	5.0	600	60	9.3 x 7.0 x 17.7
NPTU800-LM-N	120	120	6.66	800	60	9.3 x 7.0 x 17.7
NPTU1100-LM-N	120	120	9.17	1100	60	10.0 x 8.7 x 20.7
NPTU1500-LM-N	120	120	12.0	1500	60	10.0 x 8.7 x 20.7

INTERNATIONAL

MODEL #	INPUT VOLTAGE AC~	OUTPUT VOLTAGE AC~	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (VA)	FREQUENCY (HZ)	CASE SIZE (CM)
NPTU1500-LM-i	230	230	6.26	1500	50/60	25.4 x 22.0 x 52.5

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.

SUPPORTING POS/RETAIL OPERATIONS

› INTEGRITY PRO DESKTOP UPS LINE

The sleek design of the Integrity Pro Desktop UPS is specifically designed for advanced POS terminals as it can easily incorporate itself seamlessly into POS environments such as restaurants and C-stores. Our Integrity Pro Desktop UPS is the perfect solution for providing clean, conditioned, and uninterruptible power for your POS terminals.



POWER QUALITY YOU CAN RELY ON

Its sleek design is specifically envisioned for POS terminals and small office systems. Engineered with a low impedance isolation transformer, a surge diverter and noise filter within its UPS design to deliver fully conditioned power. This prevents noise, spikes, and transients before they can damage or degrade your equipment. The Integrity Pro Retail UPS also provides a 24 V DC connection and eliminates the need for a power brick or otherwise known as a “wall wart”. Every unit meets the safety requirements of UL1778 to ensure product safety and reliability all the while providing best in class power quality.

SUITABLE FOR USE WITH:

- › Point of Sale Terminals
- › Ticket Printers
- › Back-office IT Systems
- › Security Cameras
- › Credit Card Readers

SUPERIOR POWER PROTECTION BENEFITS & FEATURES

- Low impedance isolation transformer and line interactive battery backup operation
- Help your retail customers protect their electronic systems and ensure uptime
- Standard USB communication for Windows operating systems
- Enjoy peace of mind knowing your equipment is protected from problems due to common-mode voltage, power outages, spikes and transients
- 24V DC Connection for printer connection
- Listed to UL 1778
- Product sizes ranges are 250VA and 400VA
- Includes NXT Power Full 3-Year Warranty

INTEGRITY PRO RETAIL UPS LINE POWER CONDITIONERS

PRODUCT SPECIFICATIONS

MODEL #	INPUT VOLTAGE AC~	OUTPUT VOLTAGE AC~	MAXIMUM LOAD RATING (AMPS)	MAXIMUM POWER (VA)	FREQUENCY (HZ)	CASE SIZE (IN)
NPTU250-GL-N	120	120	2.0	250	60	10.5 x 5.8 x 12.6
NPTU400-GL-N	120	120	3.3	400	60	10.5 x 5.8 x 12.6

NXT GROUND PROTECTION BUILT IN

SURGE DIVERTER & NOISE FILTER

LOW IMPEDANCE ISOLATION TRANSFORMER

BATTERY BACKUP SYSTEM

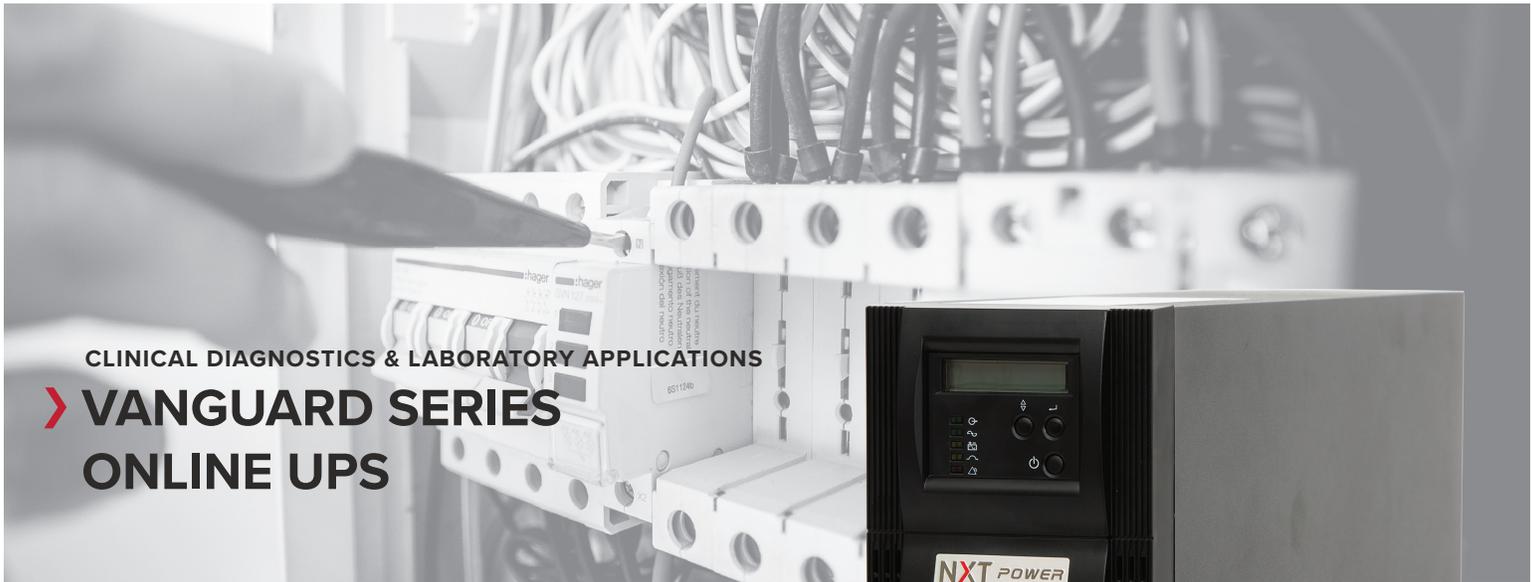
24V DC Connection



Every NXT Power INTEGRITY PRO Desktop UPS has “NXT GROUND” integrated within each unit and combines surge diversion with a highly effective low impedance isolation transformer and noise filtering. NXT GROUND provides networked systems with benefits beyond traditional power conditioners by eliminating ground loops that cause system lock-ups.

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.



CLINICAL DIAGNOSTICS & LABORATORY APPLICATIONS

> VANGUARD 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
- UL 1778 Listed

VANGUARD SERIES ONLINE UPS 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 SINWAVE 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.

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:

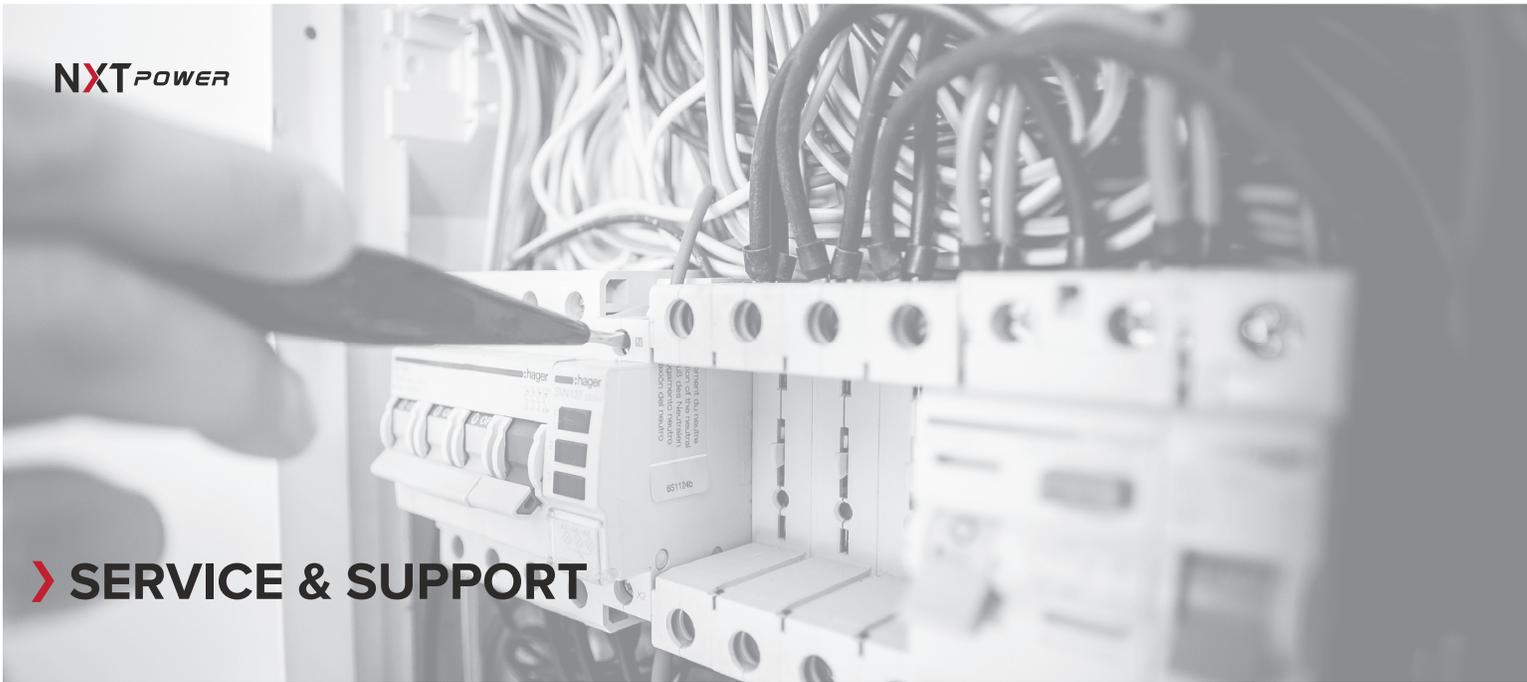
- > Industrial Microprocessor Based Equipment
- > Clinical Diagnostics Application
- > Sophisticated computer loads

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	Voltage					
	208V 3 Phase + N					
	Voltage Tolerance					
	±20% @100% load, -40% ~-20% @50% load					
	Frequency					
40~70Hz						
Power Factor						
0.99						
THDi						
3% @100% load						
OUTPUT	Voltage					
	200/208/220V 3 Phase + N					
	Voltage Tolerance					
	±1% (Static Load)					
	Frequency					
	50/60Hz					
	Frequency Tolerance					
	0.05% (free running)					
Power Factor						
1.0						
Crest Factor						
3:1						
Voltage Harmonic Distortion						
<1% with linear load <3% with non-linear load						
Overload						
110% for 60 minutes, 125% for 10 minutes, 150% for 1 minute						
BYPASS	Voltage					
	200/208/220V 3 Phase + N					
	Voltage Tolerance					
	±5%~±30% (Programmable)					
Frequency						
50/60Hz						
Frequency Tolerance						
±1Hz±3Hz (Selectable)						
BATTERY	Nominal Battery Voltage					
	192VAC - 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 Start	Yes				
	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 MMI	4.3" Colorful LCD Touch Screen				
	Built-in Communication Port	USB, EPO, Dry Contact				
	Optional Communication	2 Communication Slots for SNMP Card, RS-485 Modbus Card, Dry Contact Card				
ENVIROMENT	Operation Temperature	0~40C				
	Operation Humidity	0~95% (without condensation)				
	Altitude	< 1000 m without derating				
	Nose Level (at 1 meter)	< 55dB			<60 dB	
TESTED	Safety	UL 1778 (CSA C22.2 NO.107.3) 5th edition 2017				
	EMC	FCC 15B, class A				
	Mark	UL/cUL, FCC				



> SERVICE & SUPPORT

With over 200 years of combined industry experience, our highly trained technicians provide personalized solutions for your every service need. As an independent, nation-wide service provider, we can provide objective recommendations to our customers at every service call.

WHY IS IT IMPORTANT TO SERVICE YOUR UPS?

Without proper routine maintenance this can lead to the loss of valuable and sometimes irreplaceable samples and revenues.

BENEFITS OF UPS MAINTANCE:

- > Ensure maxium uptime & system reliability
- > Reduce downtime from outages
- > Prolong the life of your critical equipment and reduce costs with unexpected maintance.

Here at NXT Power we understand that every customer is different, and we will customize a cost-effective solution that will best fit your business's needs. Whether your business needs a one-time service or a full-service agreement, we have many different options available.

SUPERIOR POWER PROTECTION PRODUCTS & SERVICES

- Battery replacement kits, along with recycling your used batteries.
- Replacement parts
- Preventative maintenance checks
- Service Agreements
- Depot services
- Reconditioning of your old UPS unite
- Advanced replacements
- Time and Materials (T&M)



NXT *POWER*

CONTACT US

877-698-7697

WWW.NXTPOWER.COM
CONTACT@NXTPOWER.COM



NXT POWER®
www.nxtpower.com