

Nx990 G4

40 kVA ~ 200 kVA (3:3) PF 1.0



Features

- Advanced dual-core DSP control technology and 3-level technology
- Output power factor 1.0
- Active Power Factor Correction Technology, input power factor up to 0.99
- System efficiency improved to 96%, energy saving rate is doubled
- Working efficiency up to 99% in ECO mode
- Dual input design, supporting independent bypass
- Advanced digital and parallel technology, providing higher reliability than single system
- Wide input voltage range, 50 / 60 Hz auto-sensing frequency
- 50 Hz / 60 Hz frequency conversion mode
- Compact internal layout, small footprint
- Fan speed varies intelligently with temperature, reducing noise and extending its service life
- Features strong fault tolerance, one fan damaged takes 50% of the load, two fans damaged take 30% of the load
- Conformal coating technology to make UPS operate in harsh environment for a long time
- Effective hardware and software protection, robust self-diagnosis function, abundant event log for future check
- Linear downgrading in low voltage input reducing battery discharging times
- Flexible battery configuration setting, selectable battery numbers: 30 ~ 44 pcs
- Digitally controlled charger (Max. 48 A)
- Ability to switch on the UPS by battery in the absence of mains power (Cold start)
- Zero switching time for UPS power supply mode when the mains power is unstable, ensuring output uninterrupted
- Settable delayed start time when mains power is restored
- \bullet 5 inches LCD colorful touch screen, friendly human & machine interface
- Powerful background software for parameters configuration and online upgrade
- Advanced multi-platform communication for UPS monitoring: RS232, USB, RS485, RJ45, dry contacts, SNMP card, Wi-Fi card and GPRS card
- Intelligent battery management, automatic equalized and float charging control, charger dormancy control, improving the reliability of charger and extending the battery life
- Options and accessories: RS232, USB, RS485, RJ45, parallel, dry contacts, EPO and battery temperature compensation interfaces supplied; optional SNMP card, Wi-Fi card, GPRS card, battery temperature sensor, EMD detector and SMS alarms



Specifications

Times	MODEL	Nx9940	Nx9960	Nx9980	Nx99100	Nx99120	Nx99160	Nx99200	
INPUT	Capacity	40 kVA/40 kW	60 kVA/60 kW	80 kVA/80 kW	100 kVA/100 kW	120 kVA/120 kW	160 kVA/160 kW	200 kVA/200 kW	
Three-phase five-write (30+ N+PE)	INPUT								
Voltage range 304 - 485 Vac (no downgrading), 138 - 304 Vac (linear downgrading between 40% - 100% load)		Three-phase five-wire (3Φ + N + PE)							
Rated frequency	Rated voltage								
Prequency range	Voltage range								
Power factor	Rated frequency								
Sypass voltage range	Frequency range								
Total harmonic distortion (THDi)	Power factor								
OUTPUT OUTPUT Three-phase five-wire (30 + N + PE) Rated voltage 380 / 400 / 415 Vac Voltage regulation ±1% Frequency Synchronized with utility in mains mode, 50 / 60 Hz ±0.1% in battery mode Waveform Shrusoidal Power factor 1 Total harmonic distortion (THDV) ≤1% (linear load); ≤4% (non-linear load) Crest factor 3:1 Overload 105% ~110% for 60 min, 110% ~125% for 10 min, 125% ~150% for 1 min, >150% for 0.2 s SATTERIES DC voltage ±192 Vdo (±180 ~± 264 Vdo settable) 40 kVA built- in battery: ±240 Vdc (80 pcs 9 Alv/12 V) Number of battery 32 pcs (30 ~44 pcs settable) Charging current (max.) 12 A 24 A 36 A 48A Recharge time Depend on the capacity of battery SYSTEN Efficiency Max. 96% in online mode, 99% in ECO mode Transfer line 0 ms Protections Short-circuit, overload, overtemperature, excessive low battery, overvoltage, undervoltage, fans failure Max. number of parallel 0 ms Communications Short	Bypass voltage range								
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Rated voltage	OUTPUT								
Voltage regulation	Output wiring	Three-phase five-wire (3Φ + N + PE)							
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Crest factor 3:1	Power factor	1							
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	Net weight (kg)		130	156	158	198	250	300	
	Gross weight (kg)		145	172	180	220	275	325	

- All specifications are subject to change without notice.
 Custom-made specifications are acceptable.
 Derate capacity to 90% when the number of batteries is set to 30 pcs.
 Note: With Isolation Transformer, UPS Dimensions & Weight will be Changed.

Contact Us,

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