



Rugged. Dependable. Long-Lasting.

N1C LX-Series Lithium-Ion UPS.

1.5-3kVA Online Double Conversion UPS with Internal Batteries

Features

Capacities: 1.5, 2 & 3 kVA UPS; 110-120VAC

Ruggedized: Conformal coating on electronics for use in harsh environments

Life Cycle: 10+ year design life (at 77°F) & 4000+ charge/discharge cycles

Long Runtime: >25 mins on a 2.2kVA load

Smart Outlets: Programmable outlets banks

Industry-Leading Warranty: 10-Year Electronics & Battery Warranty (USA/Canada)

Includes: SNMP Card, Monitoring Software, Rail Kits, Tower Feet

Benefits



High Power Density

Get more energy in less space. Lithium-Ion provides more power where you need it and longer backup times for your critical loads.



Safe and Reliable

Includes LiFePO4 battery chemistry and integrated battery management system.



Heat Tolerant

LiFePO4 offers better performance over VRLA in high temp environments.



Longer Life Span

Has up to 15-year battery life and supports 10x more discharge cycles over VRLA.



Environmentally Friendly

Charge them faster. Replace them less often. Lithium-Ion solutions require less energy to transport, operate and maintain.



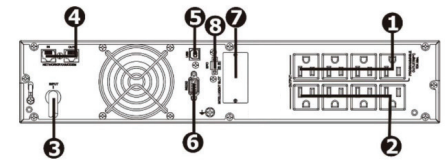
Lower Costs

Longer life and fewer replacements means money saved and lower TCO.

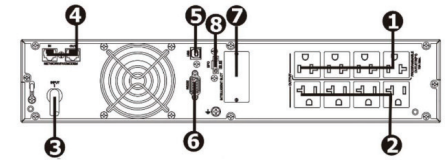
LX-Series: 1.5-3kVA Lithium-Ion UPS Systems

Model		N1C.LX1500	N1C.LX2200	N1C.LX3000
Input	Voltage (VAC)	110/120		
	Frequency (Hz)	50/60±5% Auto Sensing		
	Power Factor	0.9		
	Input Cord (Ø')	5-15P	5-20P	L5-30P
Output	Capacity (VA/W)	1500/1350	2200/1980	3000/2700
	Voltage (VAC)	100/110/115/120/125 ±2% (Selectable)		
	Frequency (Hz)	50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz (Batt. Mode)		
	Waveform	Pure Sine Wave, ≤2 % THD (Linear Load) ; 4 % THD (Non-linear Load)		
	Transfer Time	0 ms		
	Overload	100% - ≤110% Continuous, 110% - ≤130% for 5 min, >130% for 2s		
	Output Connections	(8) 5-15R	(8) 5-15/20R	(6) 5-15/20R, (1) L5-30R
LiFePO4 Battery	Voltage (VDC)	48V	48V	48V
	Full-Load Runtime (mins)	8	27	13
	Half-Load Runtime (mins)	17	56	27
	Battery Capacity (Ah)	5Ah	24Ah	15Ah
	Charger Current (A) Max	4A standard (selectable amperage 1-8A)		
	Recharge Time	<2 Hours to 90%		
Communications	SNMP Network Card, EPO, USB, RS232, Dry contact (optional)			
Ruggedized	Conformal Coating Spray on Circuit Boards			
Software	Multi-UPS Monitoring, Safe Shutdown, Network Config Tool Included (License Free, Windows OS)			
Topology	Online Double Conversion			
Alarm	Low Battery, Abnormal AC Input, UPS Failure			
Protection	Low Battery, Overload, Short-circuit and Over Temperature			
Working Temperature	32-122°F			
Humidity	20~95%, Non-condensing			
Sound Level	<50dBA @ 1 meter (with fan speed control)			
Certifications	UL1642, UL1778 (TÜV), CSA C22.2 No. 107.3, FCC Part 15 Class A, UN38.3			
Dimensions (HxWxD)	3.4" (2U) x 17.2" x 16.1"	3.4" (2U) x 17.2" x 20.1"	3.4" (2U) x 17.2" x 24.8"	
Weight (lb)	25.6	33.5	53.1	

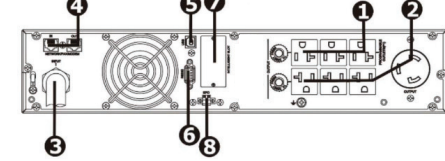
N1C.LX1500



N1C.LX2200



N1C.LX3000



LX Series Rear Panel

1. Programmable outlets (non critical load)
2. Mission-critical outlets (always on)
3. AC input cable
4. Network/Fax/Modem surge protection
5. USB communication
6. RS-232 communication
7. SNMP Intelligent Slot
8. Emergency power off (EPO) terminals

LX Series Includes

- SNMP Network Card
- UPS Monitoring and Alerting Software
- Remote Server Shutdown
- Tower Feet
- Adjustable Rack Rail Kit
- Horizontal Rack Brackets
- Conformal Coating on Circuit Boards for use in Harsh Environments
- Industry-Best 10-Year Warranty

What is Conformal Coating?

A conformal coating is a thin polymeric film applied to a printed circuit board (PCB) in order to protect the board and its components from the environment and corrosion. The thin film 'conforms' to the shape of the board and its components, covering and protecting solder joints, the leads of electronic components, exposed traces, and other metallised areas from corrosion, ultimately extending the working life of the PCB.

Specifications are subject to change without prior notice.
 * Runtime may vary based on conditions and age of battery.
 ** Allow ~2-3" for wiring connections on back of UPS/Battery
 Artwork is for reference only. Actual units may look different.

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