



*"Disrupting the Uninterruptible Power Industry"*

# N1C XL-Series UPS

## Lithium-Ion (LiFePO<sub>4</sub>)

6 & 10 kVA Online Double Conversion UPS Systems



- 6 kVA and 10 kVA Models
- 208/220/230/240V AC Input/Output Power
- SNMP Card and Monitoring Software Included
- Lower "Cost-Per-Minute" Battery Run Times vs. Most Competitors
- Up to 16 Minutes of backup time at 100% Load — 3X More than Lead Acid
- Eliminate UPS Battery Replacements
- 15-Year Battery Life Expectancy
- 10-Year Replacement Warranty Included

## KEY BENEFITS of Lithium-Ion



**High Power Density** - Lithium-Ion batteries have over 5 times the energy and take up about 1/3 the space of a VRLA-based solution that delivers the same power. This means more power in the same or smaller footprint. More power also means longer backup run times for your critical loads!



**Smaller Footprint** - A smaller footprint translates to reduced cooling requirements, as well as about two-thirds reduction in weight. This offers the installation flexibility needed by many IT Departments.



**Heat Tolerant** - L-Series UPS units can handle working temperatures of up to 140°F. Where VRLA battery life is reduced by half for every 10°F over 71°F, Li-Ion battery life is largely unaffected.



**Life Span** - The average life span of a VRLA battery is 3-5 years in ideal conditions. N1C Lithium-Ion battery life is 10-15 years in nearly all conditions. Long life batteries reduce the burden and cost of down time and maintenance.



**Environmentally Friendly** - Other than the obvious — that Lithium-Ion batteries do not use lead — there are many other "green" benefits. Lithium-Ion batteries require less charging time and power, need to be replaced less often, and use less energy to produce and transport.



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*"Leaders In Lithium"*

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# XL-Series *Lithium-Ion* UPS



N1C XL-Series 6 & 10kVA UPS and Battery (5U height)

## Technical Specifications

MODEL	N1C.XL6000	N1C.XL10000	
<b>INPUT</b>	Voltage (Vac)	208/220/230/240	
	Frequency (Hz)	50/60±5% (±10% is selectable)	
	Power Factor	0.9	
<b>OUTPUT</b>	Capacity (VA/W)	6000/5400	10000/9000
	Voltage (Vac)	208/220/230/240 same as input	
	Frequency (Hz)	50/60±0.2% (battery mode)	
	Waveform	Sine wave, THD<3% at linear load	
	Transfer Time	0 ms	
	Overload	105~129% for 60 seconds, 130~150% for 30 seconds, >150% for 300 ms	
	Input Connection	Terminal Block	Terminal Block
NEMA Outlets	Terminal Block		
<b>BATTERY</b>	Voltage (Vdc)	240Vdc	
	Run Time at 50% / 100% Load	16 min @ 100 % 32 min @ 50%	9 min @ 100 % 18 min @ 50%
	Charger Current (A)	4A standard (1-8-amp adjustable)	
Communication Interface	EPO/ROO, RS232, SNMP (Dry Contact, RS485 optional)		
Topology	Online Double Conversion		
Alarm	Low battery, Abnormal AC input, UPS failure		
<b>OTHER</b>	Protection	Low battery, overload, short-circuit and over temperature	
	Working Temperature	32-140°F	
	Relative Humidity	0~95%, No condensation	
	Dimensions (HxWxD) (in)**	UPS: 3.5" (2U) x 17.25" x 20.75" EBM: 5.2" (3U) x 17.25" x 25" – 5U total rack height	
Net Weight (lb)	23 (UPS), 75 (battery)	26.5 (UPS), 75 (battery)	

N1C XL-Series

Specifications are subject to change without prior notice. Images are for representative purposes. Actual product faceplate may vary.

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