

N1C

"Disrupting the UPS Battery Industry"

N1C L-Series

Lithium-Ion (LiFePO_4)

Online Double Conversion UPS Systems



- 1 KVA, 2 KVA, 2.2 KVA, and 3 KVA Models
- 120VAC and 208/230VAC Models
- Rack and Tower Mountable
- Standard with SNMP Communication Port and 1000 Node Software Suite
- 11 Minutes of back up time at 100% load. 3X more than Lead Acid
- 5+ Hours of runtime available with External Battery Modules
- The Industries ONLY Lifetime Warranty

KEY BENEFITS of *Lithium-Ion*



High Power Density - Lithium Ion batteries have over 5 times the energy density 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.



Life Span - The average life span of a VRLA battery is 4-6 years in ideal conditions. N1C Li-Ion battery life span is 10-15 year in nearly all conditions. Long life batteries reduce the burden and cost of down time and maintenance.



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



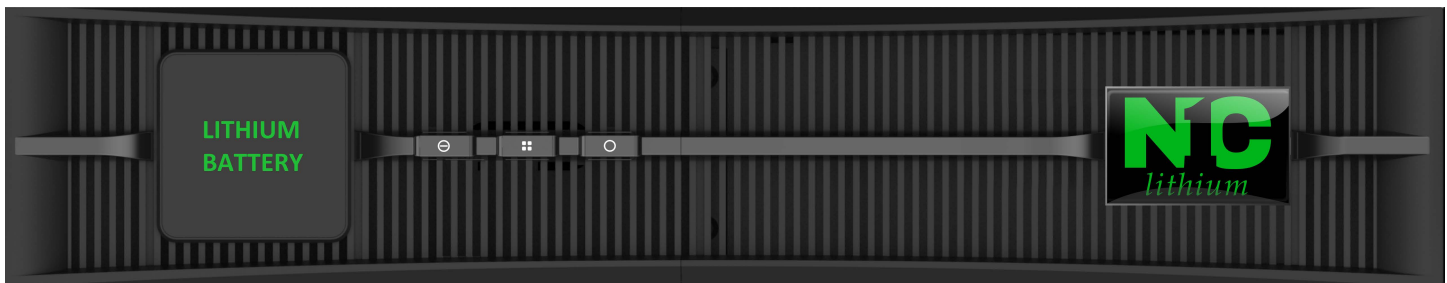
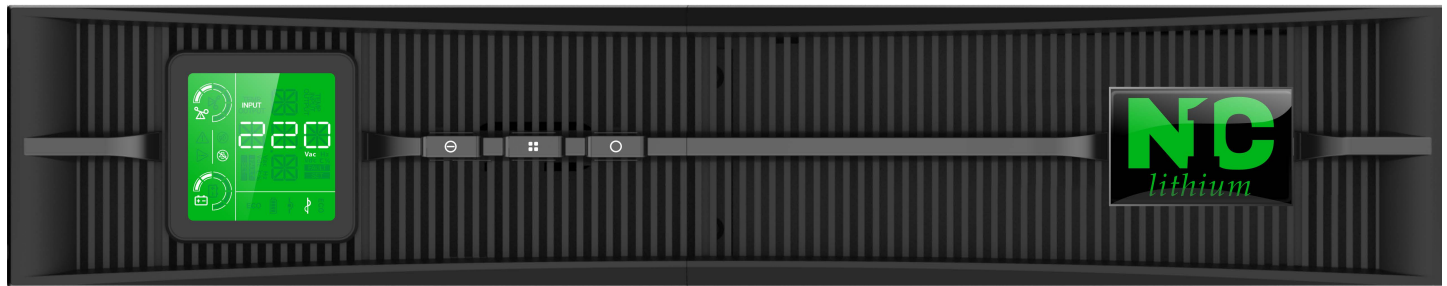
Environmentally Friendly - Other than the obvious, that Lithium Ion batteries do not use Lead, there are many other "green" benefits to Lithium. Lithium batteries require less charging time and power, need to be replaced less often, and take less energy to produce and transport.



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



L-Series *Lithium-Ion* UPS



TECHNICAL SPECIFICATIONS

MODEL	N1C-L1000				N1C-L2000G		N1C-L2200G	N1C-L3000G
INPUT								
Voltage (Vac)	110/120V				208/230V			
Frequency (Hz)	50/60±5% (±10% is selectable)				50/60±5% (±10% is selectable)			
Power Factor	0.9				0.9			
OUTPUT								
Capacity (VA/W)	1000 / 900	2000 / 1800	2200 / 1980	3000 / 2700	2000 / 1800	2200 / 1980	3000 / 2700	
Voltage (Vac)	110/120±2%				208/230±2%			
Frequency (Hz)	50/60±0.2% (battery mode)				50/60±0.2% (battery mode)			
Waveform	Sine wave, THD<3% at linear load				Sine wave, THD<3% at linear load			
Transfer Time	0 ms				0 ms			
Overload	105%~129% for 60 seconds, 130%~150% for 30 seconds, above 150% for 300ms				105%~129% for 60 seconds, 130%~150% for 30 seconds, above 150% for 300ms			
Input Connection	5-15P	5-20P	5-20P	L5-30P	C19 to L6-20P	C19 to L6-20P	C19 to L6-20P	
NEMA outlets	(8) 5-15R	(6) 5-15/20R	(6) 5-15/20R	(4) 5-15/20R, (1) L5-30R	(6) C13 + (1) C19	(6) C13 + (1) C19	(6) C13 + (1) C19	
BATTERY								
Voltage (Vdc)	36Vdc	48Vdc	72Vdc	72Vdc	48Vdc	72Vdc	72Vdc	
Run Time at % Load	11 min at 100%, 24 min at 50%	11 min at 100%, 24 min at 50%	25 min at 100%, 47 min at 50%	11 min at 100%, 24 min at 50%	11 min at 100%, 24 min at 50%	25 min at 100%, 47 min at 50%	11 min at 100%, 24 min at 50%	
Charger Current(A) Max	4A, Battery Monitoring System Included				4A, Battery Monitoring System Included			
OTHER								
Communication Interface	USB and EPO and SNMP/Network Card				USB and EPO and SNMP/Network Card			
Topology	Online Double Conversion				Online Double Conversion			
Alarm	Low battery, Abnormal AC input, UPS failure				Low battery, Abnormal AC input, UPS failure			
Protection	Low battery, overload, short-circuit and over temperature				Low battery, overload, short-circuit and over temperature			
Working Temperature	32-140°F				32-140°F			
Relative Humidity	0~95%, No condensation				0~95%, No condensation			
Dimension (HxWxD) (in)	3.4"(2U) x 17.2" x 16.5"	3.4"(2U) x 17.2" x 22.4"	3.4"(2U) x 17.2" x 27.6"	3.4"(2U) x 17.2" x 22.4"	3.4"(2U) x 17.2" x 22.4"	3.4"(2U) x 17.2" x 27.6"	3.4"(2U) x 17.2" x 22.4"	
Net Weight (lb)	29	55	60	55	55	60	55	

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