

Best in class UPS.
Better than before.

N1C LT-Series Lithium-Ion UPS.

1.5-3kVA Online Double Conversion Rack/Tower UPS with Internal and External Batteries

Features

Capacities: 1.5kVA, 2kVA, and 3kVA Models; unity power factor; 110/115/120/127V

Pure Power: 3-level IGBT rectifier, 92% online efficiency, pure sine wave, 0ms transfer time

Intuitive: Gravity-sensing touchscreen, line-and-match EBM, programmable outlets

Includes: SNMP card, monitoring software, universal 2-/4-post rail kit, tower feet

More Uptime: More than 4 hours backup time with external batteries

Easy maintenance: 12+ Year Battery Life Expectancy and hot-swappable batteries

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

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.

N1C Technologies. On. And on.

For more info see: **www.n1critical.com**

LT-Series: 1.5-3kVA Online Lithium-Ion UPS Systems

Model		N1C.LT1500	N1C.LT2000	N1C.LT3000
Input	Voltage (VAC)	L-N: 60-150 (88-150 at full load (110/120 nominal)		
	Frequency (Hz)	40-70 Auto Sensing (50/60Hz nominal)		
	Power Factor	≥0.99		
	THDi	<3% (resistive full load)		
	Input Cord (10')	C20 to 5-15P	C20 to 5-20P	L5-30P (attached)
Output	Capacity (VA/W)	1500/1500	2000/2000	3000/3000
	Power Factor	1.0		
	Efficiency (AC/AC)	91.8%		92.0%
	Voltage (VAC)	L-N: 110/115/120/127V±2% (Selectable, 120V default)		
	Frequency (Hz)	50/60±0.1% (Battery Mode)		
	Waveform	Pure Sine Wave		
	THDv	<2% (resistive full load)		
	Transfer Time	0 ms (line to battery), ≤4 ms (line to bypass)		
	Overload	101%~110% load for 1 min, 111%~125% load for 1s, above 125% load for 200ms		
	Output Connections	(3) 5-15R + (3*) 5-15R (*programmable)	(3) 5-20R + (3*) 5-20R (*programmable)	(1*) L5-30R + (2) 5-20R + (2*) 5-20R (*programmable)
LiFePO4 Battery	Voltage (VDC)	51.2V		
	Parallel Connection	Yes, up to 4 EBMs		
	Battery Type	Lithium Iron Phosphate with built-in BMS		
	Int. Bat Capacity	6Ah		9Ah
	Ext. Bat Capacity	40Ah		
	Charge Current (A)	1-12 (user selectable)		
	Recharge Time	<2 Hours internal / <3 Hours each EBM		<2.5 Hr internal / <3 Hr each EBM
Communications		EPO, SNMP Card (included); USB card, RS485+dry contact card (optional)		
Display		Gravity-sensing touchscreen, full color, running status of UPS, remaining time, version, battery state of charge		
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, Fan Fault, Overload, Abnormal Charger, Battery Life Prediction		
Protection		Low Battery, Overload, Short-circuit and Over Temperature		
Noise (dB @ 1m)		<50		
Working Temp.		32-120°F		
Humidity		0~95%, Non-condensing		
Certifications		UL1642, UL1973, UL1778 (ETL), UN38.3		
Size (HxWxD)		3.4" (2U) x 17.2" x 19.7"		
Weight (lb) UPS		34.2	32.4	50.7
Weight (lb) EBM		50.7		

Runtime (mins)	Internal Battery		1x EBM		2x EBM		3x EBM		4x EBM	
Percent Load	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
LT1500	18.8	9.0	148.2	74.1	296.2	148.2	444.7	222.4	593.0	296.2
LT2000	15.0	7.0	111.0	55.8	222.4	111.0	333.4	166.9	444.7	222.4
LT3000	15.0	7.0	74.1	37.2	148.2	74.1	222.4	111.0	296.2	148.2

Specifications are subject to change without prior notice. Runtimes may vary based on conditions.

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