



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; 110/120 & 208-240VAC
- Pure Power:** 3-level IGBT rectifier, 92.5% online efficiency, pure sine wave, 0ms transfer time
- Intuitive:** Gravity-sensing full-color touchscreen display
- Includes:** SNMP Card, Monitoring Software, Universal 2-/4-Post Rail Kit, Tower Feet
- More Uptime:** Up to 4 hours backup time with external batteries
- Easy maintenance:** 15-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.



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



Safe and Reliable
Includes LiFePO4 battery chemistry and integrated battery management system.



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



Heat Tolerant
LiFePO4 offers better performance over VRLA in high temp environments.



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	N1C.LT1500G	N1C.LT2000G	N1C.LT3000G
Input	Voltage (VAC)	60-148 (110/120 nominal)			120-295 (208-240 nominal)		
	Frequency (Hz)	50/60±10% Auto Sensing			50/60±10% Auto Sensing		
	Power Factor	≥0.99			≥0.99		
	THDi	<5% (linear load)			<5% (linear load)		
	Input Cord (10')	C14 to 5-15P	C20 to 5-20P	L5-30P (attached)	C20 to L6-20P		
Output	Capacity (VA/W)	1500/1500	2000/2000	3000/3000	1500/1500	2000/2000	3000/3000
	Power Factor	1.0			1.0		
	Efficiency (AC/AC)	92.5%	92.6%	92.5%	92.5%	92.6%	92.5%
	Voltage (VAC)	110/120±2% (Selectable)			208/220/230/240±2% (Selectable)		
	Frequency (Hz)	50/60±0.1% (Battery Mode)			50/60±0.1% (Battery Mode)		
	Waveform	Pure Sine Wave			Pure Sine Wave		
	THDv	<3% at Linear Load			<3% at Linear Load		
	Transfer Time	0 ms			0 ms		
	ECO mode	Yes			Yes		
	Overload	101%~115% load for 1 min, 116%~133% load for 1s, above 134% load for 200ms			101%~115% load for 1 min, 116%~133% load for 1s, above 134% load for 200ms		
	Output Connections	(3) 5-15R + (3*) 5-15R (*programmable)	(3) 5-15/20R + (3*) 5-15/20R (*programmable)	(1) L5-30R + (2) 5-20R + (2*) 5-20R (*programmable)	(1) C19 + (3) C13 + (3*) C13 (*programmable)		
LiFePO4 Battery	Voltage (VDC)	48vDC			48vDC		
	Parallel Connection	Yes, up to 4 EBMs			Yes, up to 4 EBMs		
	Battery Type	Lithium Iron Phosphate			Lithium Iron Phosphate		
	Full-Load Runtime (mins) - internal	18	12	10	18	12	10
	Full-Load Runtime (mins) - each EBM	90	64	50	90	64	50
	Bat Capacity (Ah)	10.2 Ah internal / 50 Ah EBM		13.6 Ah internal / 50 Ah EBM	10.2 Ah internal / 50 Ah EBM		13.6 Ah int / 50 Ah EBM
	Charge Current (A)	4-12 (user selectable)			4-12 (user selectable)		
	Recharge Time	<2 Hours internal / <3 Hours each EBM		<2.5 Hr internal / <3 Hr each EBM	<2 Hours internal / <3 Hours each EBM		<2.5 Hr internal / <3 Hr each EBM
Communications	SNMP Network Card, EPO, USB, RS232 & 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 & capacitor life, battery life prediction						
Protection	Low Battery, Overload, Short-circuit and Over Temperature						
Noise (dB @ 1m)	<50 (internal battery). <55 (external battery)						
Working Temp.	32-120°F						
Humidity	0~95%, Non-condensing						
Certifications	UL1642, UL1778 (ETL), CSA C22.2 No. 107.3, UN38.3, Energy Star						
Size (HxWxD) - UPS	3.4" (2U) x 17.2" x 22.4"			3.4" (2U) x 17.2" x 22.4"			
Weight (lb) - UPS	39.7	44.1	57.3	39.7	44.1	57.3	
Size (HxWxD) - EBM	3.5" (2U) x 17.2" x 25.0"			3.5" (2U) x 17.2" x 25.0"			
Weight (lb) - EBM	65			65			

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

WWW.N1CRITICAL.COM

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