



A compact UPS. A reliable battery.



N1C A-Series Lithium-Ion UPS.

800VA, Line Interactive Tower UPS

Features

Capacity: 800VA / 500W, 120VAC

Durable: Long-lasting internal lithium-ion battery

Life Cycle: Triple the battery life and higher cycle counts vs lead acid batteries

Easy: 1-button operation, plug-and-play protection

Long Runtime: 3 mins full load

Compact design: Perfect for home or office settings

Warranty: 5-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 8-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.

A-Series: 800VA Lithium-Ion UPS System

Model		N1C.A800
Input	Voltage (VAC)	120
	Voltage Range (VAC)	89-145
	Frequency (Hz)	60/50Hz Auto Sensing
	Input Cord	5-15P (5' length)
Output	Capacity (VA/W)	800VA / 500W
	Voltage (VAC)	110/120
	AC Voltage Regulaton (batt. mode)	±10%
	Frequency (Hz)	50 Hz or 60Hz ± 1 Hz (Batt. Mode)
	Waveform (batt. mode)	Simulated Sinewave
	Transfer Time	2-6 ms (typical)
	Output Connections	(6) 5-15R + (1) RJ11 fax/modem/phone
LiFePO4 Battery	Voltage (VDC)	12V
	Full-Load Runtime (mins)	3
	Half-Load Runtime (mins)	6
	Battery Capacity (Ah)	2.6Ah
	Battery Chemistry	Lithium-Iron Phosphate
	Recharge Time	3.5-8 hours to 90% capacity
Efficiency		>98.40%
Alarm		Battery mode, every 10 seconds; low battery, every 1 second; overload, every 0.5 seconds; fault, continuous
Communications		USB with local monitoring software (license free, Windows, Mac, Linux)
Topology		Line Interactive
Features		LCD display, microprocessor control for high reliability, boost and buck AVR for voltage stabilization, auto-restart after depleted battery, off-mode charging, cold start function, generator compatible
Protection		Overload, Short-circuit Discharge and Overcharge
Working Temperature		32-104°F
Humidity		0-90%, Non-condensing
Sound Level		<40dBA @ 1 meter
Certifications		cTÜVus, UL1973, UN38.3, PI965, FCC-NTC
Dimensions (HxWxD)		5.6" x 4.0" x 11.8"
Weight (lb)		7.8

Product specifications subject to change without notice.

System Load	25% (125W)	50% (250W)	75% (375W)	100% (500W)
Runtime (minutes)	20	6	4.75	3

About N1 Critical Technologies.

N1C is the leader in lithium-ion, single-phase UPS systems, having been the first to bring such UPS systems to the market in early 2018. N1C leads the way with some of the industry's longest on-battery runtimes, best warranties and most model options to cover all your critical power protection needs. Call us today or visit our website to learn more about how we can keep your equipment on. And on.



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