

# INTRODUCING THE WORLD'S SMALLEST LITHIUM-ION UPS

# N1C L60/L60XL



## BENEFITS



### Long Life Battery

L60's LiFePo4 batteries protect for up to 10 years or 2,000 discharges.



### High Efficiency

Save utility costs by operating at up to 98% efficiency. Wow!



### Install Options

Side ports and plugs, plus built-in mounting brackets for full install flexibility.



### Auto Restart

If battery power is drained, the units restart when power returns.



### Plug-And-Play

Open the box, plug into AC power, attach loads and you're fully protected.



### Battery Management

Overcharge protection, voltage balancing & parallel current sharing.



### Heat Tolerant

Operates in temps up to 104°F without reduction in battery life.



### Software Included

ViewPower software included for advanced UPS monitoring.

## Why

## Choose L60/L60XL?

- 350VA/200W & 600VA/360W Capacity
- 120VAC and 230VAC Configurations
- 6-Minute Backup Protection at Full Load
- 14-Minute runtime at 50% load
- Long Life Lithium-Ion Internal Batteries
- Just 3.4lbs & 1.2" Wide

N1C's L60 & L60XL are the perfect small form factor UPS systems to provide power where conventional backup solutions simply will not fit.

Protect point-of-sale (POS) equipment, kiosks, digital signage, gaming machines, PoE switches, sound boards, automation systems and more!

For info more see: [lithium-ion-ups.com/product/l60](http://lithium-ion-ups.com/product/l60)

**N1C**  
**TECHNOLOGIES**

*"Leaders In Lithium"*

Janesville, Wisconsin  
sales@n1critical.com  
lithium-ion-ups.com  
855-208-0011

# N1 Critical Technologies – L60/L60XL UPS Specifications

MODEL NUMBER		L60 (120V, 350VA)	L60i (230V, 350VA)	L60XL (120V, 600VA)	L60iXL (230V, 600VA)
<b>CAPACITY</b>	Power Rating	350VA (200W)		600VA (360W)	
<b>INPUT</b>	Voltage	120VAC	230VAC	120VAC	230VAC
	Frequency	50/60Hz			
<b>OUTPUT</b>	Voltage	120VAC	230VAC	120VAC	230VAC
	Waveform	Sine wave (normal), simulated sine wave (battery mode)			
	Frequency	50/60Hz			
	Surge Supp.	312 joules surge suppression			
	Efficiency	Up to 98%			
	Transfer Time	2-6ms (typical)			
<b>BATTERY</b>	Battery Type	Lithium Iron Phosphate (LiFePO <sub>4</sub> )			
	Batteies	(8) 18650 cells, 2400mAh		(16) 18650 cells, 4400mAh	
	Battery Runtime (est)	6 min at 100% load; 14 min at 50% load (See chart below)			
<b>PHYSICAL</b>	Dims. (WDH)	6.9 x 8.5 x 1.25 in (17.5 x 21.6 x 3.2 cm)*		7.3 x 10.8 x 1.6 in (18.5 x 27.5 x 4.0 cm)*	
	Weight	3.4 lbs (1.54 kg)		4.7 lbs (2.1 kg)	
	Line cord	Detachable 5-15P to C13 - 3'	C14 inlet	Detachable 5-15P to C13 - 3'	C14 inlet
	Receptacles	(3) 5-15R	(2) IEC C13	(3) 5-15R	(2) IEC C13
<b>ENVIRONMENT</b>	Temperature	32°-104°F (0-40°C)			
	Humidity	0-90%			
	Altitude	11,500 ft above sea level			
<b>APPROVALS</b>	UL-1778, cTUVus, FCC, RoHSCE, RoHS, TAA compliant (120V)		CE, RoHS, TAA compliant (230V)	UL-1778, cTUVus, FCC, RoHSCE, RoHS, TAA compliant (120V)	
<b>WARRANTY</b>	5 years on electronics and battery (USA & Canada)**				
<b>COMMUNICATIONS INTERFACE</b>	USB Interface including cable and software			RS-232 port provides communication and power for optional webcard	
<b>AVAILABLE OPTIONS</b>	Web/SNMP card (600VA), Environmental Monitoring Device (600VA), power cord with offset/ right angle 5-15P plug (120V units only)				
<b>INCLUDED IN BOX</b>	Mounting brackets, ViewPower CD, user manual, 5-15P to C13 line cord (120V only)				

\*Wall mount brackets add about 5/8" (1.5cm) to each side. \*\*Warranty outside of USA & Canada is 3 years.

## Battery Runtime

LOAD (watts)	20	40	80	120	160	200	240	280	320	360
L60/L60i	72	35	17	11	9	7	N/A	N/A	N/A	N/A
L60XL/L60iXL	161	79	35	23	17	14	11	9	8	6

Runtimes are shown in minutes and will vary based on battery age and site/usage conditions.

