



## SLN MINI-TOWER OFF-LINE UPS

The SolaHD SLN Series by Emerson provides economical protection from damaging impulses and power interruptions. These units include three outlets for critical devices needing battery back-up and surge protection. The SLN is ideal for industrial environments as well as point of sale and office applications.

### APPLICATIONS

- PCs
- Workstations
- Computer Terminals

### FEATURES

- Lightweight, compact design
- NEMA 5-15R outlets, protected by battery and surges
- USB communications Interface
- Cable included with free software download
- Two year limited warranty

### CERTIFICATIONS AND COMPLIANCES

-  Listed, UPS Equipment  
— UL 1778, CSA C22.2 No. 107.3
- RoHS Compliant

### RELATED PRODUCTS

- Surge Protective Devices
- Active Tracking® Filters
- Portable MCR Power Conditioners

### SELECTION TABLE

Capacity (VA/W)	Catalog Number	Volts, Frequency In/Out	Typical Back-up Time (Minutes)	Input Plug/ Output Receptacle
600/360	<b>SLN600</b>	120 Vac, 60 Hz	3.5	5-15P / Three 5-15R

### SLN ACCESSORIES

Catalog Number	Description	Approx. Ship Weight lbs (kg)
<b>SLNSPSPMBRK</b>	Wall/panel mount bracket kit for SLN (600 VA~850 VA) UPS	1.0 (0.45)

**SOLAHD**

For product information:  
[www.solahd.com](http://www.solahd.com)  
 1.800.377.4384



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## SPECIFICATIONS

Catalog Number	SLN600
Topology	Line Interactive
Capacity (VA/W)	600/360
<b>Dimensions</b>	
Unit (H x W x D) - in. (mm)	5.6x4.1x11.82 (142x104x300.2)
Ship Weight - lbs (kg)	12.13 (5.5) ± 10%
<b>Input Parameters</b>	
Voltage	120 Vac -23% / +29%
Frequency	60 Hz +/- 10%
Input Power Cord	5 ft. with NEMA 5-15P
<b>Output AC Parameters</b>	
Voltage (Battery Mode)	120V±10%
Frequency (On Battery)	60 Hz
Auto Voltage Regulation (AVR function under Normal Mode)	$V_{out} = \text{Input } 102 \text{ Vac} \times 118\%$ at Boost mode $V_{out} = \text{Input } 138 \text{ Vac} \times 85\%$ at Buck mode
Overload Protection	Line Mode: 1. 110%±5% load for 5 mins. After, the power will not be provided to the load. Then, every 10 mins, auto recovery will be attempted. 2. 120%±5% load for 10 seconds. After, the power will not be provided to the load. Then, every 10 mins, auto recovery will be attempted. 3. 130%±5% load for 1.5 seconds. After, the power will not be provided to the load. Then, every 10 mins, auto recovery will be attempted.
Short Circuit * OSCP is Output Short Circuit Protection	1. The Output current continues over 125% within 60ms to OSCP* and then goes to Battery MODE. 2. UPS goes to retry mode every 10 seconds until the Battery Voltage ( $V_b$ ) <11V/cell. 3. The Battery recharges when the $V_b > 12.7\text{V/cell}$ , then UPS continues retry mode every 10 seconds. 4. UPS goes to auto recovery mode until the short circuit disappears then goes back to LINE Mode.
<b>Battery Parameters</b>	
Battery Type	VRLA, maintenance free, sealed, lead-acid cells
Transfer Time	Typical: 8ms, max. <10ms@AC mode to backup mode
Typical Recharge Time	8 hours
<b>Environmental</b>	
Operating Temperature	0 to +40 °C
Storage Temperature	-15 to +45 °C
Relative Humidity	0% to 90% relative humidity, non-condensing
Audible Noise	≤40 dBA without audible alarm beyond 1m at rated load
<b>Standards</b>	
EMC	FCC Part 15, Subpart B, Class A; EN62040-2; EN55032; CISPR22
Surge Protection	Meets IEEE C62.41, Category A & B Delta: (Line to line: 1kV; line to earth: 2kV)
Certifications	cULus Listed, UPS Equipment UL 1778, CAS C22.2 No. 107.3

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