

SLN & SPS Mini-Tower Off-line UPS

The SolaHD SLN & SPS Series 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 & SPS 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

Related Products

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



Certifications and Compliances

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

Selection Table

Capacity (VA/W)	Catalog Number	Volts, Frequency In/Out	Typical Back-up Time (minutes)	Input Plug/ Output Receptacle
600/360	SLN600	120 Vac, 60 Hz	3.5	5-15P / Three 5-15R
850/510	SPS850		2.5	

SLN & SPS Accessories

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

SLN & SPS Specifications

Catalog Number	SLN600	SPS850
Topology	Line Interactive	Offline
Capacity (VA/W)	600/360	850/510
Dimensions		
Unit (H x W x D) – in. (mm)	5.6x4.1x11.82 (142x104x300.2)	5.6x4.1x11.82 (142x104x300.2)
Ship Weight – lbs (kg)	12.13 (5.5) ± 10%	8.16 (3.7) ± 10%
Input Parameters		
Voltage	120 Vac -23% / +29%	120 Vac -25% / +20%
Frequency	60 Hz +/- 10%	
Input Power Cord	5 ft. with NEMA 5-15P	
Output AC Parameters		
Voltage (Battery Mode)	120V±10%	
Frequency (On Battery)	60 Hz	
Auto Voltage Regulation (AVR function under Normal Mode)	$V_{out} = \text{Input } 102 \text{ Vac} \times 118\% \text{ at Boost mode}$ $V_{out} = \text{Input } 138 \text{ Vac} \times 85\% \text{ at Buck mode}$	N/A
Overload Protection	<p>Line Mode:</p> <ol style="list-style-type: none"> 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. 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. 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. 	Breaker Protection
Short Circuit <small>*OSCP is Output Short Circuit Protection</small>	<ol style="list-style-type: none"> The Output current continues over 125% within 60ms to OSCP* and then goes to Battery MODE. UPS goes to retry mode every 10 seconds until the Battery Voltage (V_B) < 11V/cell. The Battery recharges when the $V_B > 12.7\text{V/cell}$, then UPS continues retry mode every 10 seconds. UPS goes to auto recovery mode until the short circuit disappears then goes back to LINE Mode. 	<ol style="list-style-type: none"> The Output current continues over 250% within 60ms to OSCP* and then goes to Battery MODE. UPS goes to retry mode every 10 seconds until the Battery Voltage (V_B) < 11V/cell. The Battery recharges when the $V_B > 12.7\text{V/cell}$, then UPS continues retry mode every 10 seconds. UPS goes to auto recovery mode until the short circuit disappears then goes back to LINE Mode.
Battery Parameters		
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	
Environmental		
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	
Standards		
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)	Meets IEEE C62.41, Category A
Certifications	cULus Listed, UPS Equipment UL 1778, CAS C22.2 No. 107.3	