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.

E179213

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

- c UL us 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	**SLN600**	120 Vac, 60 Hz	3.5	5-15P / Three 5-15R
850/510	**SPS850**		2.5	
1000/600	**SLN1000**		3	
1500/900	**SLN1500**		3	5-15P / Five 5-15R

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)
SLNSPSPMBRK1	Wall/panel mount bracket kit for SLN (1000 VA~1500 VA) UPS	1.0 (0.45)

SLN & SPS Specifications

Catalog Number	SLN600	SPS850	SLN1000	SLN1500
Topology	Line Interactive	Offline	Line Interactive	Line Interactive
Capacity (VA/W)	600/360	850/510	1000/600	1500/900
Dimensions				
Unit (H x W x D) – in. (mm)	5.6x4.1x11.82 (142x104x300.2)	5.6x4.1x11.82 (142x104x300.2)	7.09x5.12x12.6 (180x130x320)	7.09x5.12x12.6 (180x130x320)
Ship Weight – lbs (kg)	12.13 (5.5) ± 10%	8.16 (3.7) ± 10%	19.62 (8.9) ± 10%	25.35 (11.5) ± 10%
Input Parameters				
Voltage	120 Vac -23% / +29%	120 Vac -25% / +20%	120 Vac -23% / +29%	
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}= Input 102 Vac x 118% at Boost mode V_{out}= Input 138 Vac x 85% at Buck mode	N/A	V_{out}= Input 102 Vac x 118% at Boost mode V_{out}= Input 138 Vac x 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.	Breaker 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>12.7V/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.	1. The Output current continues over 250% 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>12.7V/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.	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>12.7V/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.	

SLN & SPS Specifications - continued

Catalog Number	SLN600	SPS850	SLN1000	SLN1500
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	Meets IEEE C62.41, Category A & B L-L: 1kV; IL-E: 2kV	
Certifications	cULus Listed, UPS Equipment UL 1778, CAS C22.2 No. 107.3			