

# Sola S1K/S3K

Uninterruptible Power Supply (UPS)



## Specifications

**Input Voltage Range (for online operation):**  
115 VAC: +20%/-25%

**Operating Frequency (online):**  
50/60 Hz ±1 Hz auto sensing

**Overload Capacity:**  
120% ±10% (Three minutes on line mode, 10 seconds on battery)

**Transfer Time:**  
Four ms typical

**On Battery Voltage:**  
115 VAC: 115 VAC rms ±10%

**Output Voltage Waveform:**  
Step Sine Wave at 115 V

**Output Protection:**  
Electronically limited

**Input Protection:**  
Circuit breaker

**Recharge Time (to 95% capacity):**  
Four hours

**Lightning & Surge Protection:**  
ANSI/IEEE C62.41 categories A & B, IEC801.4, 801.5

**Safety Certification:**  
115 VAC: UL listed to 1778, designed to meet UL497A, CSA certified to CSAC22.2 No. 107.1

**EMI Compliance:**  
115 VAC: FCC Class B

**Data Line Protection:**  
115 VAC: fax/modem, network

**Indicators:**  
Online/utility fail/overload/replace battery

**Audible Alarms:**  
Utility fail/overload/replace battery

**Dimensions (inches) H x W x D:**  
S1K: (H x W x D) 5.3 x 3.8 x 12.6 in  
S2K: (H x W x D) 8.3 x 5.5 x 17.2 in

**Warranty:**  
Two-year limited warranty

## Standard Features

- Offline with Automatic Voltage Regulation (AVR) topology
- Protects against most adverse power conditions, including: frequency variations, surge, noise, blackouts, lightning, spike, brownouts, and over and under voltages
- Data-line surge protection for phone or network included on every unit
- Greater uptime with intelligent power management, full-sequence battery testing and two-level overload protection

## Approvals



## Part Number/Price

| Part # | Model #      | Capacity (Va/Watts) | Volts, Frequency In/Out | Typical Backup (Minutes) | Weight | Input Plug/ Output Receptacle | Price    |
|--------|--------------|---------------------|-------------------------|--------------------------|--------|-------------------------------|----------|
| 110812 | 520 VA S1K   | 520                 | 115/115,50/60 Hz        | 15                       | 12 lb  | 5-15P(4) 5-15R                | \$325.00 |
| 109910 | 1,000 VA S3K | 1,000/750           | 115/115,50/60 Hz        | 18                       | 39 lb  | 5-15P(4) 5-15R                | \$850.00 |

Note: 230 VAC versions available. Consult factory.

Note: Air around the above units must be free of dust, chemicals or other materials that corrode or contaminate