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## APC SRT1000XLA

# APC Smart-UPS SRT1000XLA User Manual

Uninterruptible Power Supply (UPS)

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your APC Smart-UPS SRT1000XLA. Please read this manual thoroughly before installation and use, and retain it for future reference.

## 2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the equipment.

- Do not open the UPS enclosure. There are no user-serviceable parts inside.
- Ensure proper grounding. Connect the UPS to a grounded outlet.
- Do not block ventilation openings. Maintain adequate airflow around the unit.
- Avoid installing the UPS in areas with excessive dust, humidity, or extreme temperatures.
- Disconnect the UPS from the power source before performing any maintenance or cleaning.

## 3. PRODUCT OVERVIEW

### 3.1 Components





**Figure 3.1: Front View of UPS.** This image displays the front of the APC Smart-UPS SRT1000XLA, highlighting its tower form factor and the integrated LCD screen for status monitoring.





**Figure 3.2: Rear View of UPS.** This image illustrates the back panel of the UPS, detailing the NEMA 5-15P input, six NEMA 5-15R output receptacles, and various communication ports for connectivity.

## 3.2 Key Features

- **1000VA / 900W Pure Sine Wave Online UPS:** Provides high-quality power output suitable for sensitive electronic equipment.
- **Double-Conversion On-Line Topology:** Ensures continuous, clean, and stable power by isolating connected equipment from raw utility power.
- **Scalable Runtime:** Compatible with external battery packs (SRT48RMBP, sold separately) to extend backup time. Up to 10 external battery packs can be connected.
- **NEMA 5-15P Input / (6) NEMA 5-15R Output:** Standard connections for typical office and IT equipment.
- **Energy-Star Certified:** Meets energy efficiency requirements, reducing operational costs.
- **Intuitive LCD Interface:** Provides real-time status updates and configuration options.
- **Live Swappable Batteries:** Allows for battery replacement without interrupting power to connected devices.
- **Intelligent Battery Management:** Features battery replacement recommendations, temperature-compensated charging, periodic self-tests, and disconnect notifications.

## 4. SETUP

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### 4.1 Unpacking and Inspection

1. Carefully unpack the UPS and its accessories from the packaging.
2. Inspect the unit for any shipping damage. If damage is found, notify the carrier and dealer.
3. Retain the packaging materials for future use or return.

### 4.2 Placement

Place the UPS in a protected area that is free from excessive dust, humidity, and is well-ventilated. Ensure sufficient clearance around the unit for proper airflow.

### 4.3 Initial Connection

1. Connect the UPS to a grounded 120V NEMA 5-15R wall outlet using the provided NEMA 5-15P input cable.
2. Allow the UPS to charge its internal batteries for at least 24 hours before connecting critical equipment to ensure full runtime capability.
3. Connect your equipment to the NEMA 5-15R output receptacles on the rear of the UPS.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Powering On/Off

- **To Power On:** Press and hold the power button on the front panel until the LCD display illuminates.
- **To Power Off:** Press and hold the power button until the LCD display turns off. Ensure all connected equipment is properly shut down before powering off the UPS.

### 5.2 LCD Display Navigation

The LCD display provides real-time status information and allows for configuration adjustments. Use the navigation buttons (up, down, enter, escape) to browse menus and select options.

### 5.3 Battery Mode Operation

In the event of a power outage, the UPS will automatically switch to battery mode, providing continuous power to connected devices. The LCD will indicate "On Battery" status. The duration of battery backup depends on the connected load and battery charge level.

## 6. MAINTENANCE

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### 6.1 Battery Replacement

The UPS features user-replaceable, hot-swappable batteries. When the UPS indicates a battery fault or low battery life, replace the battery module. Refer to the specific battery replacement instructions provided with the replacement battery kit.

### 6.2 Cleaning

Periodically clean the exterior of the UPS with a soft, dry cloth. Do not use liquid or aerosol cleaners. Ensure ventilation openings are free from dust and debris.

### 6.3 Firmware Updates

Check the APC website for available firmware updates for your UPS model. Firmware updates can improve performance and add new features. Follow the instructions provided with the firmware update package carefully.

## 7. TROUBLESHOOTING

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This section provides solutions to common issues you may encounter with your UPS.

Problem	Possible Cause	Solution
UPS does not turn on.	No input power; discharged battery.	Verify the input power cable is securely connected to a live outlet. Allow the battery to charge for 24 hours.
UPS beeps continuously.	On battery mode; overload condition.	Check if utility power is present. Reduce the connected load if an overload alarm is active.
Short battery runtime.	Battery not fully charged; aging battery.	Ensure the battery has charged for at least 24 hours. Consider replacing the battery if it is old.

If the problem persists after attempting these solutions, contact APC technical support.

## 8. SPECIFICATIONS

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Attribute	Value
Model	SRT1000XLA
Capacity	1000VA / 900W
Input Voltage	120 Volts
Output Voltage	120 Volts (Pure Sine Wave)
Input Connection	NEMA 5-15P
Output Connections	(6) NEMA 5-15R
Battery Type	Sealed Lead Acid
Product Dimensions (H x W x D)	20 x 3.4 x 17 inches
Item Weight	48.5 pounds

## 9. WARRANTY AND SUPPORT

### 9.1 Product Warranty

The APC Smart-UPS SRT1000XLA comes with a **3-year warranty on the UPS unit** and a **2-year warranty on the internal battery**. This warranty covers defects in materials and workmanship under normal use.

### 9.2 Returns Policy

This product is eligible for a 30-day easy returns policy. Please refer to your purchase agreement or retailer's policy for specific return procedures.

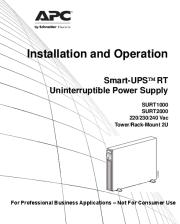
### 9.3 Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact APC Customer Support. Visit the official APC website for contact information and additional resources: [www.apc.com](http://www.apc.com)

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### Related Documents - SRT1000XLA

A thumbnail image of the APC Smart-UPS User Manual. It shows the APC logo at the top, followed by the title 'User's Manual' and 'English'. Below that is the product name 'APC Smart-UPS' with model numbers '1000VA/1500VA', '750XL/1000XL Tower UPS'. The manual is described as 'Comprehensive user manual for APC Smart-UPS Tower models, covering installation, operation, configuration, troubleshooting, and regulatory information for uninterruptible power supplies.'.	<p><a href="#">APC Smart-UPS User Manual: 1000VA/1500VA, 750XL/1000XL Tower UPS</a></p> <p>Comprehensive user manual for APC Smart-UPS Tower models, covering installation, operation, configuration, troubleshooting, and regulatory information for uninterruptible power supplies.</p>
A thumbnail image of the APC Smart-UPS SRT Operation Manual. It shows the APC logo at the top, followed by the title 'Operation Manual' and 'Smart-UPS On-Line SRT Uninterruptible Power Supply'. Below that is a diagram of the UPS unit. The manual is described as 'This operation manual provides detailed information on the APC Smart-UPS SRT series, including installation, operation, safety guidelines, and troubleshooting for models like SRT1000XLA, SRT1000RMXLA, SRT1500XLA, and their NC variants.'.	<p><a href="#">APC Smart-UPS SRT Operation Manual</a></p> <p>This operation manual provides detailed information on the APC Smart-UPS SRT series, including installation, operation, safety guidelines, and troubleshooting for models like SRT1000XLA, SRT1000RMXLA, SRT1500XLA, and their NC variants.</p>
A thumbnail image of the APC Back-UPS BN600G User Manual. It shows the APC logo at the top, followed by the title 'User Manual Back-UPS BN600G'. The manual is described as 'User manual for the APC Back-UPS BN600G Uninterruptible Power Supply (UPS), providing safety information, specifications, installation, operation, troubleshooting, and warranty details.'.	<p><a href="#">APC Back-UPS BN600G User Manual</a></p> <p>User manual for the APC Back-UPS BN600G Uninterruptible Power Supply (UPS), providing safety information, specifications, installation, operation, troubleshooting, and warranty details.</p>

	<p><b>APC Back-UPS Pro 900 Installation and Operation Guide</b></p> <p>This guide provides instructions for installing and operating the APC Back-UPS Pro 900, including setup, software installation, connection of equipment, operational features like power saving and display modes, troubleshooting, and specifications.</p>
	<p><b>APC Smart-UPS RT Installation and Operation Manual</b></p> <p>This manual provides comprehensive instructions for the installation, operation, and maintenance of the APC Smart-UPS RT series, including models SURT1000 and SURT2000. It covers safety precautions, setup procedures, operational indicators, troubleshooting, and warranty information for these uninterruptible power supplies.</p>
	<p><b>APC Back-UPS 1500 (BZ1500BI-BR) Installation and User Manual</b></p> <p>This manual provides installation and usage instructions for the APC Back-UPS 1500 (BZ1500BI-BR), a interactive, microprocessor-controlled, on-line regulated UPS designed to ensure the operation of connected equipment during power failures or outages. It covers features, specifications, safety precautions, installation, troubleshooting, and warranty information.</p>