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APC SRT10KRMXLT-5KTF2

APC Smart-UPS SRT 10KVA RM with Two 208V to 120V 2U 5KVA Step-Down User Manual

INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your APC Smart-UPS SRT 10KVA Rackmount Uninterruptible Power Supply (UPS) system, model SRT10KRMXLT-5KTF2. This system includes two 208V to 120V 2U 5KVA Step-Down Transformers. Please read this manual thoroughly before installing or operating the equipment.

IMPORTANT SAFETY INSTRUCTIONS

Observe all warnings and operating instructions in this manual. Failure to do so may result in injury or equipment damage.

- This UPS contains internal batteries and may present a shock hazard even when disconnected from the AC power source.
- Servicing of batteries should be performed or supervised by personnel knowledgeable of batteries and the required precautions.
- Do not dispose of batteries in a fire. The batteries may explode.
- Do not open or mutilate batteries. Released electrolyte is harmful to the skin and eyes. It may be toxic.
- A battery can present a risk of electrical shock and high short-circuit current.
- Refer to local codes for all wiring.

SETUP AND INSTALLATION

1. Unpacking and Inspection

Carefully unpack the UPS system and its components. Inspect for any shipping damage. Report any damage to the carrier and your dealer. Retain the packaging materials for future use.

2. Physical Installation

The APC Smart-UPS SRT 10KVA system supports both rack mount and tower configurations. Ensure adequate ventilation around the unit.

- **Rack Mount:** Secure the UPS and step-down transformers into a standard 19-inch equipment rack using the

provided mounting hardware. Ensure proper weight distribution.

- **Tower:** If installing in a tower configuration, use the supplied tower stands to ensure stability.



Figure 1: APC Smart-UPS SRT 10KVA Rackmount System. This image displays the APC Smart-UPS SRT 10KVA system, configured for rack mounting. It includes the main UPS unit with its front panel display, and additional rack-mountable components, likely battery packs or step-down transformers, all featuring a black mesh design and the APC logo.

3. Electrical Connections

Connect the UPS to a dedicated electrical circuit. Ensure the input voltage matches the UPS requirements (208V nominal). Connect your equipment to the output receptacles of the UPS and the 208V to 120V step-down transformers as needed.

- **Input Power:** Connect the UPS input power cord to a properly grounded 208V AC outlet.
- **Output Power:** Connect critical equipment to the UPS output receptacles. For 120V loads, connect them to the output receptacles of the 208V to 120V 5KVA Step-Down Transformers.
- **Battery Connection:** Ensure all internal and external battery connections are secure.

4. Initial Power-Up

After all connections are made, press the power button on the front panel to turn on the UPS. The UPS will perform a self-

test and then enter online mode.

OPERATION

1. Front Panel Display (LCD)

The LCD display provides real-time information about the UPS status, load, battery charge, and various settings. Use the navigation buttons (ESC, OK, Up, Down) to browse menus and adjust settings.

- **Status Screen:** Displays current output voltage, load percentage, battery status, and operational mode (Online, On Battery, Bypass).
- **Configuration Menu:** Allows adjustment of settings such as output voltage, alarm thresholds, and network parameters.

2. Basic Operation

- **Turning On:** Press and hold the power button until the display illuminates.
- **Turning Off:** Press and hold the power button until the UPS initiates shutdown.

3. Understanding Status Indicators

The UPS uses various indicators (LEDs and LCD messages) to communicate its operational status and any potential issues. Refer to the troubleshooting section for specific error codes.

MAINTENANCE

1. Battery Replacement

The UPS batteries are user-replaceable. Replace batteries when indicated by the UPS or after their service life (typically 3-5 years). Use only APC-approved replacement battery cartridges.

- **Safety First:** Disconnect the UPS from AC power and turn it off before attempting battery replacement.
- **Procedure:** Follow the specific instructions provided with the replacement battery cartridge for safe removal and installation.

2. Cleaning

Keep the ventilation openings clear of dust and debris to ensure proper airflow. Use a dry cloth to clean the exterior of the UPS.

TROUBLESHOOTING

This section provides solutions to common issues. For more complex problems, contact APC technical support.

Problem	Possible Cause	Solution
UPS does not turn on	No input power; discharged battery	Check AC input connection; allow battery to charge for several hours.
UPS beeps continuously	On battery mode; overload condition	Check AC input; reduce connected load.

Problem	Possible Cause	Solution
Battery indicator shows low charge	Battery needs charging or replacement	Allow UPS to charge; perform a battery self-test; replace battery if necessary.

SPECIFICATIONS

- Brand: APC
- Model: SRT10KRMXLT-5KTF2
- Product Dimensions: 1 x 1 x 1 inches
- Item Weight: 2 pounds
- Material: Metal
- Compatible Devices: Server
- Mounting Type: Rack mount, Tower
- Date First Available: January 23, 2017

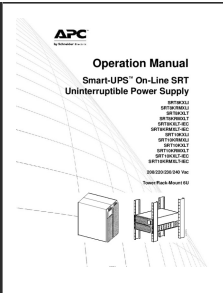

WARRANTY AND SUPPORT

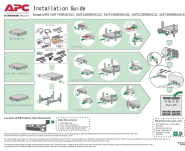
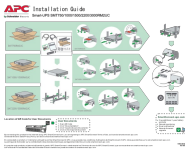


APC products are backed by a limited warranty. For detailed warranty information, please refer to the documentation included with your product or visit the official APC website. For technical assistance, troubleshooting, or to inquire about replacement parts, please contact APC customer support.

Online Resources: www.apc.com

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Related Documents - SRT10KRMXLT-5KTF2

	<p>APC Smart-UPS On-Line SRT Operation Manual</p> <p>Operation manual for the APC Smart-UPS On-Line SRT series of uninterruptible power supplies (UPS), detailing installation, operation, safety, specifications, and troubleshooting for models SRT8K and SRT10K.</p>
	<p>APC Smart-UPS SRT 10000VA 208V Technical Specifications</p> <p>Detailed technical specifications for the APC Smart-UPS SRT 10000VA 208V, including output, input, battery, communication, physical, environmental, and conformance details. Model SRT10KXLT.</p>

	<p>APC Smart-UPS Installation Guide: SMT750RMI2UC to SMT3000RMI2UC</p> <p>This guide provides installation instructions for APC Smart-UPS models SMT750RMI2UC, SMT1000RMI2UC, SMT1500RMI2UC, SMT2200RMI2UC, and SMT3000RMI2UC. It covers rack mounting, connections, and SmartConnect setup.</p>
	<p>APC Smart-UPS SMT750-3000RM2UC Installation Guide Schneider Electric</p> <p>Comprehensive installation guide for APC Smart-UPS SMT750, SMT1000, SMT1500, SMT2200, and SMT3000RM2UC rackmount UPS models. Learn how to unpack, install, and connect your UPS.</p>
	<p>APC Smart-UPS User Manual: 1000VA/1500VA, 750XL/1000XL Tower UPS</p> <p>Comprehensive user manual for APC Smart-UPS Tower models, covering installation, operation, configuration, troubleshooting, and regulatory information for uninterruptible power supplies.</p>
	<p>APC Smart-UPS SRT 3000VA 208V Datasheet and Technical Specifications</p> <p>Comprehensive technical data sheet for the APC Smart-UPS SRT 3000VA 208V, detailing its electrical specifications, physical characteristics, runtime capabilities, environmental operating conditions, and product certifications.</p>