

## UPS Battery Center AtK-UBC-RBC44-SURT10000XLI-Batt

# User Manual

APC SURT10000XLI Smart-UPS RT 10,000VA 230V 2xRBC44 Compatible Replacement Battery Set

Brand: UPS Battery Center | Model: AtK-UBC-RBC44-SURT10000XLI-Batt

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your UPS Battery Center APC SURT10000XLI Smart-UPS RT 10,000VA 230V 2xRBC44 Compatible Replacement Battery Set. This product is designed to provide reliable power backup for your APC Smart-UPS RT 10,000VA system. Please read this manual thoroughly before installation and operation.

## 2. SAFETY INFORMATION

### **WARNING: Risk of Electric Shock or Explosion**

- Always disconnect the UPS from the AC power source before performing any service or maintenance on the batteries.
- Batteries can present a risk of electrical shock and high short-circuit current.
- Do not dispose of batteries in a fire, as they may explode.
- Do not open or mutilate batteries. Released electrolyte is harmful to the skin and eyes and may be toxic.
- Wear appropriate personal protective equipment (PPE), including insulated gloves and eye protection, when handling batteries.
- Ensure proper ventilation when working with batteries.
- Refer to your UPS manufacturer's manual for specific safety procedures related to battery replacement.

### 3. PRODUCT OVERVIEW

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The UPS Battery Center replacement battery set is designed to be fully compatible with APC Smart-UPS RT 10,000VA 230V systems. This set includes two pre-assembled battery cartridges (RBC44 equivalent) that are hot-swappable, allowing for replacement without shutting down your UPS system.



Image: Two complete replacement battery sets for APC Smart-UPS RT systems. Each set features a black battery module encased in a light grey metal housing with perforated ventilation panels. These units are designed for easy, hot-swappable installation into compatible UPS units.

### 4. INSTALLATION

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This battery set is designed for hot-swappable installation, meaning you can replace the batteries without powering down your APC Smart-UPS RT 10,000VA system. Always refer to your specific UPS model's instruction manual for detailed battery replacement procedures.

#### General Installation Steps:

1. **Prepare for Installation:** Ensure you have read all safety warnings. Have the new battery set ready.
2. **Locate Battery Compartment:** Identify the battery compartment on your APC Smart-UPS RT 10,000VA. This is typically accessible from the front panel.
3. **Remove Old Battery Cartridge:** Carefully slide out the old battery cartridge(s) from the UPS. Be mindful of the weight.
4. **Insert New Battery Cartridge:** Slide the new UPS Battery Center replacement battery cartridge(s) fully into the compartment until it clicks securely into place. Ensure the connectors are properly seated.
5. **Verify Installation:** The UPS should automatically recognize the new batteries. Check the UPS display or management software for battery status and ensure no error messages are present. Allow the new batteries to charge fully before relying on them for extended backup.

*Note: The battery set arrives assembled and ready for use. No internal wiring or assembly of individual battery cells is required.*

## 5. OPERATION

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Once installed, the replacement battery set operates seamlessly with your APC Smart-UPS RT 10,000VA. The UPS will manage the charging and discharging of the batteries automatically.

### Key Operational Aspects:

- **Automatic Charging:** The UPS will continuously charge the batteries when connected to AC power.
- **Power Backup:** In the event of a power outage, the UPS will automatically switch to battery power to provide continuous power to connected equipment.
- **Battery Status Indicators:** Monitor the battery status through your UPS's front panel display or its management software. This will show charge level, estimated runtime, and any battery-related alerts.
- **Self-Test Function:** Periodically perform a self-test on your UPS (refer to your UPS manual) to ensure the batteries are functioning correctly and can provide the expected runtime.

## 6. MAINTENANCE

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Proper maintenance extends the life of your battery set and ensures optimal performance.

- **Environmental Conditions:** Store and operate the UPS and batteries in a cool, dry environment. Extreme temperatures can significantly reduce battery lifespan.
- **Regular Self-Tests:** Perform UPS self-tests regularly (e.g., monthly) to assess battery health.
- **Avoid Deep Discharges:** While batteries are designed for discharge, frequent deep discharges can shorten their lifespan. Allow the UPS to recharge fully after an outage.
- **Cleaning:** Keep the battery compartment and UPS ventilation openings free of dust and debris to ensure proper airflow and prevent overheating. Use a dry cloth for cleaning.
- **Disposal:** When the batteries reach the end of their service life, they must be recycled properly. Do not dispose of them in regular waste. Contact your local recycling center for information on lead-acid battery disposal.

## 7. TROUBLESHOOTING

If you encounter issues with your battery set or UPS performance, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
UPS not recognizing new battery.	Battery not fully seated; UPS requires reset.	Ensure battery cartridge is fully inserted. Perform a UPS self-test or power cycle the UPS (refer to UPS manual).
Short runtime on battery power.	Batteries not fully charged; batteries nearing end of life; excessive load.	Allow batteries to charge for at least 24 hours. Reduce connected load. If issues persist, batteries may need replacement.
Battery alarm or fault indicator.	Battery fault; internal UPS issue.	Consult your UPS manual for specific alarm codes. Ensure proper installation. If fault persists, contact UPS Battery Center support.
Battery feels hot.	Overcharging; poor ventilation; internal fault.	Ensure adequate ventilation around the UPS. Disconnect from power if excessively hot and contact support.

For more complex issues, refer to your APC Smart-UPS RT 10,000VA user manual or contact UPS Battery Center technical support.

## 8. SPECIFICATIONS

Feature	Description
Model Number	AtK-UBC-RBC44-SURT10000XLI-Batt
Compatibility	APC Smart-UPS RT 10,000VA 230V (SURT10000XLI)
Battery Type	Sealed Lead Acid (SLA)
Battery Voltage (per cell)	12V (multiple cells per cartridge)
System Voltage Compatibility	230 Volts (for the UPS system)
Color	Black (battery module)
Material	Acrylonitrile Butadiene Styrene (ABS) casing
Hot-Swappable	Yes
Manufacturer	UPS Battery Center

## 9. WARRANTY AND SUPPORT

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This UPS Battery Center replacement battery set comes with a **1-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your battery set, please contact UPS Battery Center directly through their official channels or the retailer from whom you purchased the product.

*Please retain your proof of purchase for warranty purposes.*