

APC APC RBC7 REPLACEMENT BATTERY CARTRIDGE

APC SMART-UPS RBC7 Replacement Battery Cartridge User Manual

Model: APC RBC7 REPLACEMENT BATTERY CARTRIDGE

INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your APC RBC7 Replacement Battery Cartridge. This battery pack is designed to meet the power demands of various APC SMART-UPS models, ensuring reliable backup power and protection for your electronic equipment. Please read this manual thoroughly before proceeding with installation or use.

IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions when handling batteries:

- **Risk of Electric Shock:** Batteries can present a risk of electric shock and high short circuit current. Exercise caution when working with batteries.
- **Do Not Dispose of Batteries in Fire:** Batteries may explode.
- **Do Not Open or Mutilate Batteries:** Released electrolyte is harmful to the skin and eyes. It may be toxic.
- **Wear Protective Equipment:** Always wear safety glasses and rubber gloves when handling batteries.
- **Avoid Short Circuits:** Do not lay tools or metal objects on the battery.
- **California Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

PACKAGE CONTENTS

Verify that your package contains the following items:

- One (1) APC RBC7 Replacement Battery Cartridge

INSTALLATION INSTRUCTIONS

Follow these steps to safely replace the battery cartridge in your APC SMART-UPS unit. Refer to your specific UPS model's user manual for detailed instructions on accessing the battery compartment.

1. **Power Down the UPS:** Turn off the UPS and any connected equipment.

2. **Disconnect from AC Power:** Unplug the UPS power cord from the wall outlet.
3. **Locate Battery Compartment:** Identify and open the battery compartment on your UPS. This may involve removing a front panel or cover.
4. **Disconnect and Remove Old Battery:** Carefully disconnect the battery connector from the UPS. Gently slide the old battery cartridge out of the compartment. Note that the battery can be heavy.
5. **Insert New Battery:** Slide the new APC RBC7 Replacement Battery Cartridge into the battery compartment. Ensure it is fully seated.
6. **Connect Battery Cables:** Connect the battery connector from the new cartridge to the corresponding port within the UPS. Ensure a secure connection.
7. **Close Battery Compartment:** Securely close the battery compartment cover or panel.
8. **Reconnect AC Power and Power On:** Plug the UPS power cord back into the wall outlet. Turn on the UPS. The UPS will typically perform a self-test and begin charging the new battery.



Image: The APC RBC7 Replacement Battery Cartridge, showing its black casing, red and black connecting wires, and a gray connector plug. The battery features a label with product information and recycling instructions.

OPERATION

After installation, allow the new battery cartridge to charge for at least 24 hours to reach its full capacity. During this time, the UPS will provide power protection, but optimal runtime may not be available until the battery is fully charged. The UPS will automatically manage the charging process.

MAINTENANCE AND RECYCLING

The APC RBC7 is a sealed, non-spillable lead-acid battery that requires minimal maintenance. For optimal battery life, ensure the UPS operates within recommended environmental conditions (temperature and humidity). Avoid exposing the UPS to extreme temperatures.

Battery Recycling: This battery is a sealed, non-spillable lead-acid battery and **MUST BE RECYCLED**. Do not dispose of the battery with household waste. For recycling instructions and assistance, please call **1-888-755-7718**. Proper recycling helps protect the environment and conserves resources.

TROUBLESHOOTING

If you encounter issues after installing the new battery, consider the following:

Problem	Possible Cause	Solution
UPS does not power on after battery replacement.	Battery connector not fully seated.	Ensure the battery connector is firmly plugged into the UPS.
Short runtime or battery not holding charge.	Battery not fully charged; UPS self-test needed.	Allow 24 hours for initial charge. Perform a UPS self-test (refer to UPS manual).
UPS indicates a battery fault.	Battery not recognized or faulty connection.	Verify battery connection. If issue persists, contact technical support.

PRODUCT SPECIFICATIONS

- **Brand:** APC
- **Model:** RBC7 Replacement Battery Cartridge
- **Voltage:** 12 Volts
- **Amperage:** 18 Amps
- **Material:** Lead-acid battery with Absorbent Glass Mat (AGM) technology
- **Color:** Black


WARRANTY INFORMATION



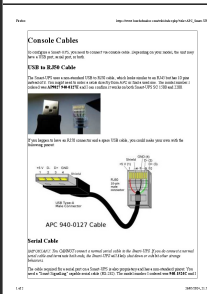
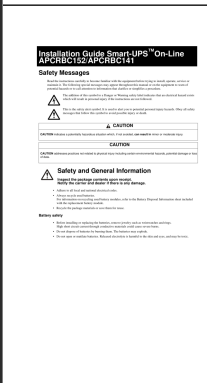
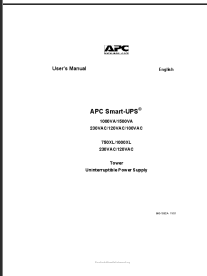
This APC RBC7 Replacement Battery Cartridge is covered by a manufacturer's warranty. Please refer to the warranty documentation provided with your purchase or contact the manufacturer directly for specific terms and conditions.

TECHNICAL SUPPORT

For further assistance, technical support, or recycling inquiries, please contact:
UPSBatteryCenter Support: 1-888-755-7718

Related Documents - APC RBC7 REPLACEMENT BATTERY CARTRIDGE

	<p>APC Smart-UPS RT APCRBC170/APCRBC171 Replacement Battery Module Installation Guide</p> <p>This guide provides detailed instructions for installing replacement battery modules (APCRBC170 and APCRBC171) for APC Smart-UPS RT systems. It covers safety precautions, handling guidelines, compatibility information, and step-by-step replacement procedures.</p>
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	<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>
	<p>Manuale di Funzionamento APC Smart-UPS C: Guida Completa</p> <p>Manuale di funzionamento dettagliato per APC Smart-UPS C (1000/1500/2000/3000 VA, 120/230 Vac, Montaggio a Rack 2U). Include istruzioni di sicurezza, installazione, funzionamento, specifiche tecniche, risoluzione problemi e garanzia.</p>
	<p>APC Smart-UPS Console Cable Guide: USB and Serial Connections</p> <p>Learn how to connect your APC Smart-UPS using USB to RJ50 and serial console cables. This guide details pinouts and model numbers like AP9827 940-0127E and 940-1524C for Smart-UPS SC 1500/2200.</p>
	<p>Smart-UPS On-Line APCRBC152/APCRBC141 Installation Guide</p> <p>This guide provides instructions for the installation of Smart-UPS On-Line battery modules APCRBC152 and APCRBC141, including safety precautions and procedures for replacing battery modules.</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>