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UPS Battery Center BSP-BE500-Batt

UPS Battery Center Replacement Battery for APC Back-UPS ES 500 (BE500)

Instruction Manual

1. INTRODUCTION

This manual provides essential instructions for the safe and effective installation and use of your UPS Battery Center compatible replacement battery for the APC Back-UPS ES 500 (BE500) Uninterruptible Power Supply (UPS) system. This battery is designed to meet the power demands of your UPS, ensuring reliable backup power and protection.

2. SAFETY INFORMATION

Important Safety Instructions:

- This is a **Sealed, Non-Spillable Lead Acid Battery**. Handle with care.
- Always disconnect the UPS from the main power supply before attempting battery replacement.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection, during installation.
- Do not short-circuit the battery terminals.
- Do not dispose of batteries in fire. They may explode.
- Do not open or mutilate the battery. Released electrolyte is harmful to skin and eyes.
- **Battery must be recycled.** Refer to the "Maintenance and Recycling" section for details.

3. PACKAGE CONTENTS

- 1 x UPSBatteryCenter Compatible Replacement Battery for APC Back-UPS ES 500 (BE500)



Figure 1: UPS Battery Center Replacement Battery. This image shows the black rectangular battery unit with terminals on top and a label indicating it's a sealed, non-spillable lead-acid battery that must be recycled.

4. SETUP AND INSTALLATION

This replacement battery is designed for exact fit and easy "Plug & Play" installation into your APC Back-UPS ES 500 (BE500) unit. Follow the instructions provided in your APC UPS user manual for specific battery replacement procedures. General steps are outlined below:

1. **Power Down UPS:** Turn off your APC Back-UPS ES 500 and disconnect it from the wall outlet.
2. **Disconnect Devices:** Unplug all connected devices from the UPS.
3. **Access Battery Compartment:** Locate and open the battery compartment on your APC UPS. Refer to your original APC manual for exact location and opening mechanism.
4. **Remove Old Battery:** Carefully disconnect the terminals of the old battery and remove it from the compartment. Note the orientation of the terminals.
5. **Install New Battery:** Insert the new UPSBatteryCenter replacement battery into the compartment, ensuring the correct orientation. Connect the battery terminals securely.
6. **Close Compartment:** Close and secure the battery compartment cover.
7. **Reconnect UPS:** Plug the UPS back into the wall outlet and turn it on. Allow the battery to charge for at least 8-12 hours before relying on it for backup power.

5. OPERATING INSTRUCTIONS

Once installed and fully charged, the UPSBatteryCenter replacement battery operates seamlessly with your APC Back-UPS ES 500. The UPS will automatically switch to battery power during outages and recharge the battery when utility power is restored. No special operation is required for the battery itself.

6. MAINTENANCE AND RECYCLING

- **Charging:** The battery arrives fully charged. However, it is recommended to allow the UPS to charge the battery for a full cycle (typically 8-12 hours) after installation to ensure optimal performance.

- **Storage:** If storing the battery for an extended period, ensure it is fully charged and store it in a cool, dry place. Recharge every 3-6 months to prevent deep discharge.
- **Recycling:** This is a lead-acid battery and **MUST BE RECYCLED**. Do not dispose of it with household waste. Contact your local recycling center or battery retailer for proper disposal instructions. For assistance, you may call 1-888-755-7718.

7. TROUBLESHOOTING

If your UPS is not functioning correctly after battery replacement, consider the following:

- **No Power/UPS Not Turning On:** Ensure the battery terminals are securely connected and the battery compartment is properly closed. Verify the UPS is plugged into a working wall outlet.
- **Short Runtime:** Allow the battery to charge for the recommended 8-12 hours. If the issue persists, the UPS itself might require service, or the battery may not be fully charged.
- **UPS Alarms:** Refer to your original APC Back-UPS ES 500 manual for specific alarm codes and their meanings.
- **Contact Support:** If troubleshooting steps do not resolve the issue, contact UPS Battery Center customer support or APC support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Model Number	BSP-BE500-Batt
Compatibility	APC Back-UPS ES 500 (BE500)
Battery Type	Sealed Lead-Acid (SLA), AGM
Voltage	12 Volts
Color	Black
Material	Metal (housing)
Manufacturer	UPS Battery Center

9. WARRANTY AND SUPPORT

- **Warranty:** This product comes with a **One (1) Year Replacement Warranty** from UPS Battery Center.
- **Customer Support:** For technical assistance, warranty claims, or recycling information, please contact UPS Battery Center at 1-888-755-7718.

