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AJC SLP-625P

AJC Battery SLP-625P 12V 7Ah UPS Battery Instruction Manual

Model: SLP-625P

Introduction

This manual provides essential instructions for the safe and effective use of your AJC Battery SLP-625P 12V 7Ah UPS Battery. This sealed lead acid (SLA) battery is designed as a replacement for compatible UPS systems, offering reliable power backup. Please read this manual thoroughly before installation and operation.



Image: The AJC Battery SLP-625P 12V 7Ah UPS Battery, shown with its red packaging. This image displays the overall product appearance.

Safety Information

Always observe the following safety precautions to prevent injury or damage to the battery and connected equipment:

- **Avoid short circuits:** Do not allow metal objects to bridge the battery terminals.
- **Recharge after use:** Ensure the battery is recharged promptly after discharge to maintain its lifespan.
- **Risk of fire, explosion, or burns:** Do not disassemble, heat above 45°C (113°F), or incinerate the battery.
- **Do not charge in a sealed container:** Ensure adequate ventilation during charging.
- **Recycling:** Batteries must be recycled or disposed of properly. Consult local regulations for disposal.
- **Wear protective gear:** When handling batteries, especially during installation or removal, wear insulated gloves and eye protection.

Setup and Installation

Follow these steps for safe installation of your replacement battery:

1. **Prepare for Installation:**
   Always refer to the manufacturer's instructions included with your UPS device or on your original battery. To avoid injury, remove wristwatches and jewelry such as rings when replacing batteries. Use tools with insulated handles.
2. **Locate Battery Compartment:**
   Identify and open the battery compartment of your UPS device.
3. **Disconnect Old Battery:**
   Carefully disconnect the wires from the old battery terminals. Note the polarity (positive and negative) before disconnecting. Remove the old battery from the compartment.
4. **Insert New Battery:**
   Insert the new AJC Battery SLP-625P into the battery compartment, ensuring it fits securely.
5. **Connect Wires:**
   Connect the wires to the new battery terminals, matching the correct polarity. The battery features F2 terminals. Ensure connections are tight and secure.



Image: Close-up view of a positive F2 battery terminal, typically marked with red insulation.



Image: Close-up view of a negative F2 battery terminal, typically without red insulation.

6. **Close Compartment:**
   Close the battery compartment and secure it according to your UPS device's instructions.

▶ **Watch video online**
AJC UPS Batteries

Video: An official AJC Battery video demonstrating the importance of UPS batteries for power outages and data protection. This video highlights the general application of AJC UPS batteries.

Operating Instructions

Once installed, the AJC Battery SLP-625P operates as part of your UPS system. The UPS will manage charging and discharging cycles automatically.

- **Initial Charge:** It is recommended to allow the UPS system to fully charge the new battery for at least 8-12 hours before relying on it for extended backup.
- **Normal Operation:** The battery will provide power to your connected devices during a power outage. The duration of backup power depends on the load and the battery's capacity.
- **Discharge and Recharge:** For optimal battery life, avoid deep discharges. Allow the UPS to recharge the battery fully after each power event.

Maintenance

The AJC SLP-625P is a maintenance-free sealed lead acid battery. However, periodic checks can help ensure optimal performance:

- **Visual Inspection:** Periodically inspect the battery for any signs of physical damage, swelling, or corrosion on the terminals.
- **Terminal Connections:** Ensure terminal connections remain clean and tight. Loose connections can lead to power loss or overheating.
- **Environmental Conditions:** Store and operate the battery within recommended temperature ranges (typically 20-25°C or 68-77°F) to maximize lifespan. Extreme temperatures can reduce battery performance and life.
- **Testing:** Some UPS systems offer self-test functions. Utilize these to periodically check the battery's health.

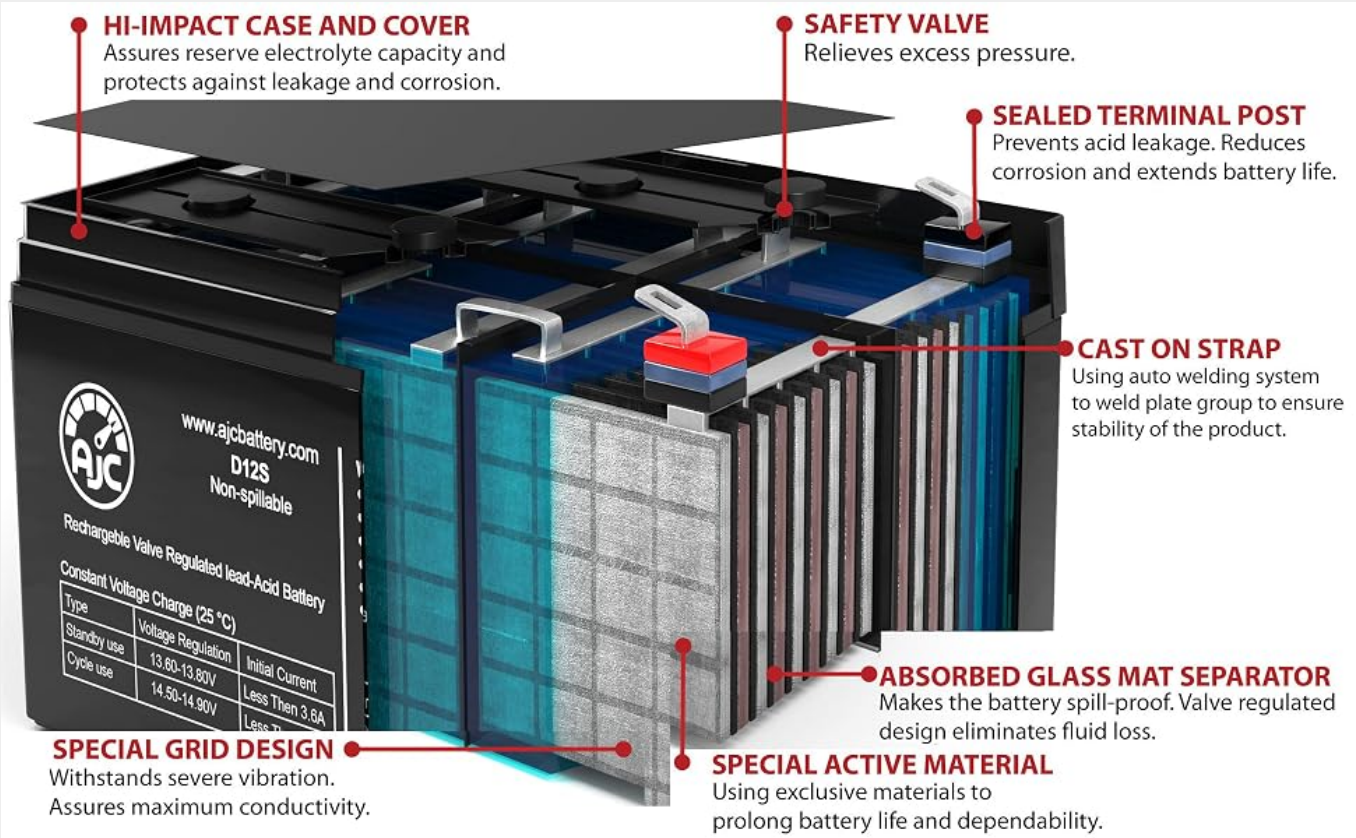


Image: A cutaway diagram illustrating the internal components of an AJC Sealed Lead Acid (SLA) AGM battery, highlighting features like the hi-impact case, safety valve, sealed terminal post, cast on strap, special grid design, absorbed glass mat separator, and special active material.

Troubleshooting

If you experience issues with your UPS system after battery replacement, consider the following:

Problem	Possible Cause	Solution
UPS not providing backup power.	Battery not fully charged, loose connections, or incorrect polarity.	Allow UPS to charge for 8-12 hours. Check all terminal connections for tightness and correct polarity.
Short backup time.	Battery not fully charged, battery nearing end of life, or excessive load.	Ensure battery is fully charged. Reduce connected load if possible. If battery is old, consider replacement.
UPS alarm indicating battery fault.	Battery fault, incorrect battery type, or internal UPS issue.	Verify battery model compatibility. Perform a UPS self-test. If the issue persists, contact UPS manufacturer support.

Specifications

Key technical specifications for the AJC Battery SLP-625P 12V 7Ah UPS Battery:

Model: SLP-625P

Voltage: 12V (12 Volts)

Capacity: 7Ah (7 Amp Hours)

Battery Cell Composition: Sealed Lead Acid (SLA)

Terminals: F2 Terminal

Product Dimensions: 5.94 x 2.56 x 3.7 inches

Item Weight: 4.5 pounds

Manufacturer: AJC Battery

Warranty and Support

For warranty information or technical support, please refer to the official AJC Battery website or contact their customer service directly. Keep your purchase receipt for warranty claims.
Return Policy: This product typically has a 30-day return policy for refund/replacement. Please check with your retailer for specific return terms.
Manufacturer: AJC Battery
Brand Store: Visit the AJC Store on Amazon

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