

Salicru UBT 12/9 (013BS000002)

Salicru UBT 12/9 AGM Rechargeable Battery User Manual

Model: UBT 12/9 (013BS000002)

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Salicru UBT 12/9 AGM Rechargeable Battery. This battery is designed for use in Uninterruptible Power Supply (UPS) systems, security systems, emergency lighting, and other applications requiring reliable backup power. Please read this manual thoroughly before installation and operation.

2. SAFETY INFORMATION

WARNING: Improper handling of batteries can lead to serious injury or damage. Always follow these safety guidelines.

- **Eye Protection:** Always wear appropriate eye protection when handling batteries.
- **Electrical Hazard:** Batteries can deliver high short-circuit currents. Avoid shorting the battery terminals with metal objects.
- **Ventilation:** Although AGM batteries are sealed, ensure adequate ventilation during charging to prevent gas accumulation in enclosed spaces.
- **Handling:** Do not lift the battery by its terminals. Use appropriate lifting techniques for its weight.
- **Disposal:** Do not dispose of batteries in fire. Batteries contain hazardous materials and must be recycled according to local regulations.
- **Damage:** Do not use a damaged or leaking battery. Contact Salicru support for assistance.
- **Charging:** Use only chargers designed for AGM batteries with the correct voltage and current specifications.



Figure 1: Salicru UBT 12/9 AGM Rechargeable Battery and its packaging. Note the caution labels on the battery.

3. PRODUCT OVERVIEW

The Salicru UBT 12/9 is a Valve Regulated Lead Acid (VRLA) battery utilizing Absorbent Glass Mat (AGM) technology. This design ensures efficient gas recombination, making it maintenance-free and suitable for various applications.

Key Features:

- **AGM Technology:** Efficient gas recombination (VRLA) for enhanced performance and safety.
- **Long Service Life:** Designed for durability and extended operational life.
- **Low Self-Discharge:** Retains charge for longer periods when not in use.
- **Maintenance-Free:** No need for water topping or electrolyte checks.
- **All-Position Installation:** Can be installed in any orientation (except inverted) without leakage.
- **High Short Circuit Current:** Rated at 630 A.



Figure 2: Overview of Salicru UBT+ battery range, highlighting key features and certifications.

4. SETUP AND INSTALLATION

Before installing the battery, ensure you have read and understood the safety information. This battery is typically installed in a compatible UPS system or other equipment. Refer to your equipment's manual for specific installation instructions.

1. **Inspect the Battery:** Check for any physical damage, cracks, or leaks. Do not install a damaged battery.
2. **Prepare the Installation Area:** Ensure the area is clean, dry, and well-ventilated.
3. **Disconnect Power:** If replacing an existing battery in a UPS, ensure the UPS is completely powered off and disconnected from the mains supply.
4. **Connect Terminals:** Connect the positive (+) terminal of the battery to the positive terminal of your equipment, and the negative (-) terminal to the negative terminal. Ensure connections are tight and secure to prevent arcing and overheating. **Incorrect polarity will damage the battery and equipment.**
5. **Secure the Battery:** Place the battery securely in its compartment, ensuring it does not move during operation.
6. **Initial Charge:** For optimal performance, it is recommended to fully charge the battery before its first use, especially if it has been stored for an extended period.



Figure 3: Various Salicru UBT battery models, illustrating the consistent design across the range.

5. OPERATING INSTRUCTIONS

Once installed and connected, the Salicru UBT 12/9 battery operates automatically within your compatible equipment (e.g., UPS). It will provide power when the primary power source is interrupted and recharge when the primary power is restored.

- **Charging Voltage:** Constant voltage charge. Cycle use: 14.5-14.9V. Standby use: 13.6-13.8V.
- **Temperature:** Operate the battery within its specified temperature range for optimal performance and

lifespan. Extreme temperatures can reduce battery life.

- **Discharge:** Avoid deep discharges where possible, as this can shorten battery life. Most UPS systems manage discharge cycles automatically.

6. MAINTENANCE

The Salicru UBT 12/9 AGM battery is designed to be maintenance-free. However, periodic checks can help ensure its longevity and reliable operation.

- **Visual Inspection:** Periodically inspect the battery for any signs of physical damage, swelling, or corrosion on the terminals. Clean terminals if necessary with a wire brush and baking soda solution, then rinse with water and dry thoroughly.
- **Terminal Connections:** Ensure all terminal connections remain tight. Loose connections can cause resistance, heat, and reduced performance.
- **Environment:** Ensure the battery is kept in a cool, dry, and well-ventilated environment, away from direct sunlight or heat sources.
- **Storage:** If storing the battery for an extended period, ensure it is fully charged and recharge it every 3-6 months to prevent irreversible sulfation. Store in a cool, dry place.

7. TROUBLESHOOTING

If you experience issues with your battery, consider the following common troubleshooting steps:

- **Battery Not Charging:**
 - Check all connections to ensure they are secure and correctly polarized.
 - Verify that the charging equipment (e.g., UPS) is functioning correctly and providing the correct charging voltage.
 - Ensure the ambient temperature is within the recommended operating range.
- **Short Runtime:**
 - The battery may not be fully charged. Allow for a complete charge cycle.
 - The battery may be nearing the end of its service life.
 - The load connected to the battery might exceed its capacity.
- **Swollen Casing:**
 - A swollen battery casing indicates overcharging or internal damage. **Immediately disconnect the battery and replace it. Do not attempt to recharge or use a swollen battery.**

For persistent issues, contact Salicru technical support or your product vendor.

8. SPECIFICATIONS

Feature	Value
Brand	Salicru
Model Name	UBT 12/9 AGM Rechargeable Battery 9Ah / 12V
Model Number	013BS000002

Feature	Value
Battery Type	AGM (Absorbent Glass Mat), VRLA (Valve Regulated Lead Acid)
Voltage	12.0 V
Capacity	9 Ah
Short Circuit Current	630 A
Recommended Uses	Offices, Home (for UPS, security systems, emergency lighting)
Reusability	Rechargeable
External Test Certification	CE, WEEE
GTIN (Global Trade Item Number)	08436035921881
Item Weight	2.37 kg
Number of Batteries	1 unit

Note: Specifications are subject to change without notice. Please refer to the product label for the most accurate information.

9. WARRANTY AND SUPPORT

Salicru products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official Salicru website. For technical support, service, or replacement parts, please contact your local Salicru distributor or visit www.salicru.com.