

## Varta YTX7A-BS

# Varta Powersports AGM YTX7A-BS Motorcycle Battery User Manual

Model: 50615 (YTX7A-BS)

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use, installation, and maintenance of your Varta Powersports AGM 50615 (YTX7A-BS) motorcycle battery. Please read this manual thoroughly before handling or installing the battery to ensure optimal performance and safety.

## 2. SAFETY INFORMATION

Battery acid is corrosive and batteries can produce explosive gases. Always follow these safety precautions:

- **Wear Eye Protection:** Always wear safety glasses or goggles when handling batteries.
- **Avoid Sparks and Flames:** Keep batteries away from open flames, sparks, and smoking materials. Batteries produce hydrogen gas, which is highly flammable.
- **Proper Ventilation:** Ensure adequate ventilation when charging or working with batteries to disperse explosive gases.
- **Handle Acid with Care:** Battery acid (electrolyte) is corrosive. If contact occurs with skin or eyes, flush immediately with plenty of water and seek medical attention.
- **Keep Out of Reach of Children:** Batteries contain hazardous materials.
- **Avoid Short Circuits:** Do not allow metal objects to bridge the battery terminals, as this can cause a short circuit, leading to severe burns or fire.
- **Use Insulated Tools:** Always use tools with insulated handles to prevent accidental short circuits.

## 3. PRODUCT OVERVIEW

The Varta Powersports AGM 50615 (YTX7A-BS) is a high-performance Absorbed Glass Mat (AGM) battery designed for motorcycles and other powersports vehicles. Key features include:

- **AGM Technology:** Provides superior starting power and vibration resistance.
- **Maintenance-Free:** Once activated and sealed, it requires no water refilling.
- **Spill-Proof Design:** The sealed construction prevents acid leaks, allowing for multi-angle installation (up to 45 degrees).
- **High Cold Cranking Amps (CCA):** Ensures reliable starting even in cold conditions.



Image 1: Varta Powersports AGM YTX7A-BS Motorcycle Battery. This image displays the top and side view of the Varta Powersports AGM battery, clearly showing the Varta logo, 'Powersports AGM' designation, and the model number 'YTX7A-BS' along with '12V 6Ah'. The top also indicates instructions for filling with acid.

## 4. SETUP AND INSTALLATION

### 4.1 Initial Activation (for dry-charged batteries)

If your battery is supplied dry-charged with a separate acid pack, follow these steps carefully:

1. **Prepare:** Place the battery on a level surface. Ensure you have safety glasses and gloves on.
2. **Remove Sealing Strip:** Carefully remove the sealing strip from the top of the battery. Do not discard it.
3. **Fill with Electrolyte:** Take the acid pack and align it with the battery's fill holes. Push down firmly to break the seals and allow the acid to flow into all six cells. Ensure all acid drains from the pack.
4. **Wait for Absorption:** Once filled, allow the battery to stand for 30 to 60 minutes. This allows the acid to be fully absorbed by the AGM mats and for any trapped air to escape.
5. **Seal Battery:** Firmly press the sealing strip (or caps, if provided) back onto the battery's fill holes. Once sealed, the battery is spill-proof and maintenance-free. **Do not remove these caps again.**
6. **Initial Charge:** For optimal performance and lifespan, it is highly recommended to perform an initial charge using a suitable motorcycle battery charger. Charge at a low amperage (e.g., 0.6A) until fully charged (typically 6-12 hours, or until the charger indicates full charge).

### 4.2 Battery Installation in Vehicle

Before installation, ensure the vehicle's ignition is off and the key is removed.

1. **Remove Old Battery:** Disconnect the negative (-) terminal first, then the positive (+) terminal. Carefully remove the old battery.
2. **Clean Battery Tray:** Clean the battery tray and terminal cables to remove any corrosion or debris.
3. **Position New Battery:** Place the new Varta Powersports AGM battery securely in the battery compartment. Ensure it is stable and cannot move during operation.
4. **Connect Terminals:** Connect the positive (+) terminal first, then the negative (-) terminal. Ensure all connections are tight and secure. Do not overtighten.
5. **Secure Battery:** Use any straps or clamps provided by the vehicle manufacturer to secure the battery in place.

## 5. OPERATING INSTRUCTIONS

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Once properly installed and charged, your Varta Powersports AGM battery is ready for use. It will provide reliable starting power and support your motorcycle's electrical systems. Ensure your vehicle's charging system is functioning correctly to maintain the battery's charge during operation.

## 6. MAINTENANCE

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While Varta Powersports AGM batteries are maintenance-free in terms of water topping, regular checks are recommended to maximize lifespan and performance:

- **Terminal Inspection:** Periodically check battery terminals for corrosion and tightness. Clean any corrosion with a wire brush and a baking soda/water solution. Ensure connections are secure.
- **Battery Cleanliness:** Keep the top of the battery clean and dry to prevent current leakage and self-discharge.
- **Voltage Check:** If the motorcycle is stored for extended periods (e.g., off-season), check the battery voltage monthly. A fully charged AGM battery should read around 12.8V or higher.
- **Trickle Charging:** For vehicles stored for more than a month, connect a suitable trickle charger or battery maintainer designed for AGM batteries. This prevents deep discharge and extends battery life.
- **Avoid Deep Discharge:** Repeated deep discharges can significantly shorten battery life. If the battery is discharged, recharge it as soon as possible.

## 7. TROUBLESHOOTING

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If you encounter issues with your battery, consider the following common problems and solutions:

- **Slow Cranking or No Start:**
  - **Low Charge:** Recharge the battery.
  - **Corroded Terminals:** Clean and tighten terminals.
  - **Faulty Charging System:** Have your motorcycle's charging system (alternator/stator, regulator/rectifier) inspected by a qualified mechanic.
- **Battery Not Holding Charge:**
  - **Parasitic Drain:** Check for electrical components drawing power when the ignition is off.
  - **Undercharging:** Ensure the charging system is working correctly.
  - **Battery Age/Damage:** Batteries have a finite lifespan. If the battery is old or has been deeply discharged multiple times, it may need replacement.
- **Swollen Battery Case:** This indicates overcharging or internal damage. Immediately disconnect the battery and replace it. Do not attempt to charge or use a swollen battery.

## 8. SPECIFICATIONS

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| Specification               | Value                    |
|-----------------------------|--------------------------|
| Battery Type                | AGM (Absorbed Glass Mat) |
| Model Number (Varta)        | 50615                    |
| Equivalent Model            | YTX7A-BS                 |
| Voltage                     | 12V                      |
| Capacity (Ah)               | 6 Ah                     |
| Cold Cranking Amps (CCA EN) | 105 A                    |
| Dimensions (L x W x H)      | 151 mm x 88 mm x 94 mm   |
| Weight                      | 2.63 kg                  |
| Terminal Polarity           | Y5                       |

## 9. WARRANTY AND SUPPORT

For warranty claims, technical assistance, or further information regarding your Varta Powersports AGM battery, please contact Varta customer support or refer to the official Varta website. Keep your proof of purchase for warranty purposes. Specific warranty terms and conditions may vary by region and retailer.

**Varta Official Website:** [www.varta-automotive.com](http://www.varta-automotive.com)

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

