

## SHOTGUN YTS14S-BS

# Shotgun YTZ14S 10Ah Sealed Lead-Acid AGM Battery User Manual

Model: YTS14S-BS

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Shotgun YTZ14S 10Ah Sealed Lead-Acid AGM Battery. Please read this manual thoroughly before installation and operation to ensure optimal performance and longevity of your battery.

The Shotgun YTZ14S is a maintenance-free, spill-proof AGM (Absorbed Glass Mat) battery designed for various power sport applications, including motorcycles, scooters, and dirt bikes. Its sealed design prevents leaks and corrosion, offering enhanced durability and performance compared to conventional batteries.

## 2. PRODUCT FEATURES

- **Battery Type:** YTZ14S-BS AGM battery with [+ -] terminal.
- **Voltage:** 12 Volts
- **Capacity:** 10Ah
- **Cold Cranking Amps (CCA):** 220 CCA
- **Dimensions:** 5.88" (L) x 3.44" (W) x 4.50" (H)
- Maintenance-Free: No need to add acid. Leak free, sealed design prevents corrosion.
- Position-Free & Leakage-Free Design.
- Low Pressure Venting System.
- High Recovery Capability.
- Better resistance to both heat and vibration.
- Slower self-discharge rate (3% vs. 15% per month for conventional batteries).

## 3. SAFETY INFORMATION

**WARNING: This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves when handling batteries. Avoid contact with battery terminals and internal components. Do not short-circuit the battery terminals. Keep out of reach of children.

Batteries contain sulfuric acid, which is corrosive. In case of contact with skin or eyes, flush immediately with water and seek medical attention.

Do not dispose of batteries in household waste. Recycle responsibly at an authorized battery recycling facility.

## 4. SETUP AND INSTALLATION

Before installation, ensure the vehicle's ignition is off and the negative battery cable is disconnected first to prevent accidental short circuits.

1. **Inspect the Battery:** Carefully inspect the new Shotgun YTZ14S battery for any signs of damage during shipping.
2. **Prepare Battery Tray:** Clean the battery tray and terminals in the vehicle. Remove any corrosion or debris.
3. **Position the Battery:** Place the new battery securely in the battery tray. Ensure it is stable and will not shift during vehicle operation.
4. **Connect Terminals:** Connect the positive (+) terminal first, then the negative (-) terminal. Ensure connections are tight and secure. Loose connections can lead to poor performance or damage.
5. **Secure Battery:** Use any existing battery hold-downs or straps to secure the battery firmly in place.



Figure 1: Shotgun YTS14S battery with visible terminals. Note the positive (+) terminal on the left and negative (-) terminal on the right, as typically viewed from the front.



Figure 2: Top view of the Shotgun YTS14S battery, highlighting the robust terminal posts designed for secure connections. Ensure proper alignment and tightening of cables.

## 5. OPERATING INSTRUCTIONS

The Shotgun YTS14S battery is designed for immediate use upon proper installation. As an AGM battery, it is factory-sealed and requires no initial acid filling or activation.

- **Initial Charge:** While the battery comes pre-charged, it is recommended to fully charge it with a compatible battery charger before the first use, especially if it has been stored for an extended period.
- **Regular Use:** For optimal battery life, ensure the vehicle's charging system is functioning correctly. Overcharging or undercharging can reduce battery lifespan.
- **Storage:** If the vehicle will not be used for an extended period, disconnect the battery or use a trickle charger/maintainer to prevent deep discharge.

## 6. MAINTENANCE

The Shotgun YTS14S is a maintenance-free battery, meaning it does not require water additions or electrolyte level checks. However, regular inspection and cleaning are recommended to ensure optimal performance.

- **Terminal Cleaning:** Periodically inspect battery terminals for corrosion. If corrosion is present, clean with a wire brush and a mixture of baking soda and water. Rinse with clean water and dry thoroughly.
- **Case Inspection:** Check the battery case for cracks, bulges, or other damage. A damaged case may indicate internal issues or improper charging.
- **Charge Level:** For vehicles stored for long periods, regularly check the battery's voltage. A fully charged 12V battery should read approximately 12.6V or higher. Recharge if the voltage drops below 12.4V.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine cranks slowly or not at all	Low battery charge; Loose or corroded terminals; Faulty charging system.	Charge battery; Clean and tighten terminals; Have charging system inspected by a professional.

Problem	Possible Cause	Solution
Battery not holding charge	Parasitic drain; Faulty charging system; Battery nearing end of life.	Check for electrical drains; Inspect charging system; Replace battery if necessary.
Battery case appears swollen or cracked	Overcharging; Internal damage.	Immediately disconnect battery; Do not attempt to charge or use; Replace battery and have charging system checked.

## 8. SPECIFICATIONS

- **Model Number:** YTS14S-BS
- **Voltage:** 12 Volts
- **Capacity:** 10 Ampere-hours (Ah)
- **Cold Cranking Amps (CCA):** 220 A
- **Dimensions (L x W x H):** 5.88" x 3.44" x 4.50"
- **Weight:** Approximately 6.1 pounds
- **Battery Type:** Sealed Lead-Acid (SLA) / Absorbed Glass Mat (AGM)
- **Replaces:** CTZ14S-BS, UTZ14S-BS, BTZ14S-FA, PTZ14S, YTZ14S, GTZ14S, ETZ14S, 44217, 8331854, APTZ14S-BS, FAITZ14S, FAYTZ14S, LT14B-4, LTZ14-4, M72Z14, MOSM72Z14, VTZ14S, WPZ14S
- **Compatible Vehicles (Partial List):** BMW R1200GS 2013-2017, BMW R1200GS Adventure 2008-2017, BMW C600 2011-2012



Figure 3: Dimensional diagram of the Shotgun YTS14S battery, showing length (5.88"), width (3.44"), and height (4.5"). These dimensions are crucial for ensuring proper fit in your vehicle's battery compartment.

## 9. WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the official SHOTGUN brand website or contact your retailer. Keep your purchase receipt as proof of purchase.

For additional assistance, you may visit the [SHOTGUN Store on Amazon](#).

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