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> WEIZE YTX14-BS ATV/Motorcycle Battery Instruction Manual

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High Performance - Maintenance Free - Sealed AGM

1. PRODUCT OVERVIEW

The WEIZE YTX14-BS is a high-performance, maintenance-free, sealed Absorbed Glass Mat (AGM) rechargeable battery designed for a wide range of powersports vehicles. This battery comes pre-charged and sealed, ready for immediate installation, eliminating the need for acid filling or regular maintenance.

Its robust construction provides excellent resistance to vibration, shock, chemicals, and extreme temperatures, ensuring reliable power delivery in diverse operating conditions, from extreme cold to intense heat.



Image: Front view of the WEIZE YTX14-BS 12V 12Ah Sealed Lead Acid Battery, highlighting its brand and key specifications.

2. SPECIFICATIONS

Attribute	Value
Model Number	YTX14-BS
Battery Type	Sealed Lead-Acid (SLA) Absorbed Glass Mat (AGM)
Voltage	12V
Capacity (10-hour rate)	14AH
Cold Cranking Amps (CCA)	200
Charge Current	1.3A
Dimensions (L x W x H)	5.91 in x 3.43 in x 5.71 in (15.01 cm x 8.71 cm x 14.50 cm)

Item Weight	10.1 pounds (4.58 kg)
Case Material	ABS
Terminal Type	Quad Terminal (Positive: Left, Negative: Right)
Certifications	UL, CE, ISO 9001

Lead Plated Silver Terminal

Good conductivity, reduce power loss and ensure normal power supply.



Image: Detailed dimensions of the WEIZE YTX14-BS battery, showing length, width, and height.

Excellent Resistance to Vibration, Shock, Chemicals and Heat



Image: Visual representation of key specifications including weight, voltage, capacity, CCA, and terminal type.

3. COMPATIBILITY

The WEIZE YTX14-BS battery is designed for broad compatibility with various powersports vehicles. Always verify the dimensions, terminal configuration, and CCA requirements of your vehicle against the battery's specifications before purchase.

Common compatible vehicle types include:

- ATVs (All-Terrain Vehicles)
- Motorcycles
- Personal Watercraft (Jet Skis)
- Scooters
- Snowmobiles
- UTVs (Utility Task Vehicles)

This battery is known to be compatible with many models from manufacturers such as Honda, Suzuki, Kawasaki, Yamaha, Aprilia, BMW, Ducati, Triumph, Piaggio, and Kymco. Refer to your vehicle's manual for exact battery requirements.



Image: Hexagonal collage showing various powersports vehicles like ATVs, motorcycles, and snowmobiles, indicating broad compatibility.

4. SAFETY INFORMATION

WARNING: Batteries contain sulfuric acid and produce explosive gases. Always follow safety precautions.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when handling batteries.
- Do not short-circuit the battery terminals.
- Keep sparks, flames, and smoking materials away from the battery.
- Ensure adequate ventilation when working with batteries.
- Keep out of reach of children.
- Do not attempt to open or disassemble the sealed battery.
- In case of contact with acid, flush immediately with water and seek medical attention.

5. INSTALLATION

The WEIZE YTX14-BS battery is maintenance-free and comes pre-charged, ready for installation. Follow these general steps:

1. **Preparation:** Ensure your vehicle's ignition is off and remove the key. Locate the battery compartment, typically under the seat or within a side panel.
2. **Disconnect Old Battery:**
 - Always disconnect the negative (-) terminal first to prevent accidental short circuits.
 - Then, disconnect the positive (+) terminal.
 - Carefully remove any straps or clamps securing the old battery.
 - Lift the old battery out of the compartment.
3. **Inspect Battery Compartment:** Clean any corrosion or debris from the battery tray and terminals.
4. **Install New Battery:**
 - Carefully place the new WEIZE YTX14-BS battery into the compartment, ensuring it sits securely.
 - Secure the battery with any existing straps or clamps.

- Connect the positive (+) terminal first.
- Then, connect the negative (-) terminal.
- Ensure all connections are tight and secure. The battery comes with lead bolts and nuts for secure connections.

5. **Final Check:** Double-check all connections and ensure no tools are left in the battery compartment.

6. **Test:** Start your vehicle to confirm proper installation and operation.

Motorcycle Battery

To provide you with a steady stream energy



Image: Close-up of the lead-plated silver terminal, emphasizing good conductivity and secure connections.

6. OPERATING THE BATTERY

The WEIZE YTX14-BS is designed for reliable starting power and consistent performance. As a sealed AGM battery, it requires no regular fluid checks or additions. It is ready to use out of the box.

For optimal performance, ensure your vehicle's charging system is functioning correctly to maintain the battery's charge during operation. Avoid completely discharging the battery, as this can shorten its lifespan.

7. CHARGING & MAINTENANCE

While the WEIZE YTX14-BS is maintenance-free, proper charging and care will extend its lifespan.

- **Regular Charging:** If the vehicle is not used for extended periods, use a compatible 12V battery tender or smart charger to maintain charge. A charge current of 1.3A is recommended.
- **Terminal Cleaning:** Periodically inspect battery terminals for corrosion. Clean with a wire brush and a mixture of baking soda and water if necessary. Ensure terminals are dry before reconnecting.
- **Secure Connections:** Ensure battery terminals remain tight to prevent power loss and ensure proper charging.
- **Environmental Conditions:** The battery is designed to resist extreme temperatures (-30°C to 50°C). However, storing the vehicle in a moderate environment when not in use can further prolong battery life.
- **Replacement Recommendation:** It is recommended to replace the battery every two years to ensure optimal starting performance and prevent unexpected failures.



Image: Depiction of the battery's resilience in both cold and hot weather, highlighting its suitability for extreme conditions.

8. TROUBLESHOOTING

If you experience issues with your WEIZE YTX14-BS battery, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle won't start / Slow cranking	Low battery charge, loose/corroded terminals, faulty charging system, old battery.	Charge battery with a smart charger. Clean and tighten terminals. Inspect vehicle's charging system. Consider battery replacement if old.

Battery not holding charge	Parasitic drain, faulty charging system, internal battery damage, extreme temperatures.	Check for electrical drains on the vehicle. Test charging system. If battery is old or damaged, replace it. Store in moderate temperatures.
Corrosion on terminals	Acid leakage (unlikely with sealed AGM), improper installation, environmental factors.	Clean terminals thoroughly. Ensure connections are tight. Apply anti-corrosion grease.

If issues persist after troubleshooting, consult a qualified technician or contact WEIZE customer support.

9. STORAGE

For long-term storage of your WEIZE YTX14-BS battery (e.g., during off-season), follow these guidelines:

- **Full Charge:** Ensure the battery is fully charged before storing.
- **Disconnect:** Disconnect the battery from the vehicle to prevent parasitic drains.
- **Cool, Dry Place:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Regular Maintenance Charge:** Use a battery tender to provide a maintenance charge every 4-6 weeks to prevent self-discharge and sulfation.

10. PROPER DISPOSAL

Lead-acid batteries are recyclable. Do not dispose of the battery in household waste. Always return spent batteries to an authorized battery recycling center or retailer. This ensures proper handling of hazardous materials and promotes environmental sustainability.

11. WARRANTY & SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your WEIZE YTX14-BS battery, please contact WEIZE customer support. Refer to the product packaging or the official WEIZE website for the most current contact information and warranty details.

WEIZE is committed to providing reliable products and satisfactory after-sales support to its customers.