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UPLUS NEW TECHNOLOGY BATTERY EB4-3

UPLUS YTX4L-BS Motorcycle Battery Instruction Manual

Comprehensive guide for the installation, operation, and maintenance of your UPLUS EB4-3 12V 3Ah AGM Maintenance-Free Battery.

1. INTRODUCTION

The UPLUS YTX4L-BS is a 12V 3Ah Sealed Lead Acid (SLA) Absorbent Glass Mat (AGM) battery designed for various powersport applications, including motorcycles, scooters, and ATVs. This maintenance-free battery offers reliable performance and a long service life. This manual provides essential information for proper handling, installation, and care to ensure optimal performance and safety.



Figure 1: UPLUS YTX4L-BS 12V 3Ah AGM Maintenance-Free Battery.

2. PRODUCT FEATURES

- **Longevity:** Engineered for a service life of over 5 years, providing long-term reliability.
- **Maintenance-Free:** Sealed Lead Acid (SLA) AGM design eliminates the need for water checks or electrolyte refills.
- **High Purity Lead:** Constructed with 99.99% pure primary lead for improved charging efficiency, reduced toxic fumes, and enhanced reliability.
- **Excellent Stability:** Designed to be leak-proof and vibration-resistant, ensuring consistent performance even in demanding conditions.
- **Low-Temperature Performance:** Capable of easily starting vehicles at temperatures as low as -22°F (-30°C).

UPLUS BATTERY LIFETIME IS OVER 5 YEARS



Figure 2: Illustration highlighting the UPLUS battery's expected lifespan of over 5 years.

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Figure 3: Comparison illustrating the higher quality materials and design of UPLUS batteries, including 99.99% pure lead and PP material.

PERFORMANCE CHARACTERISTICS

UPLUS batteries have been tested by professional battery institutions in the United States and Europe

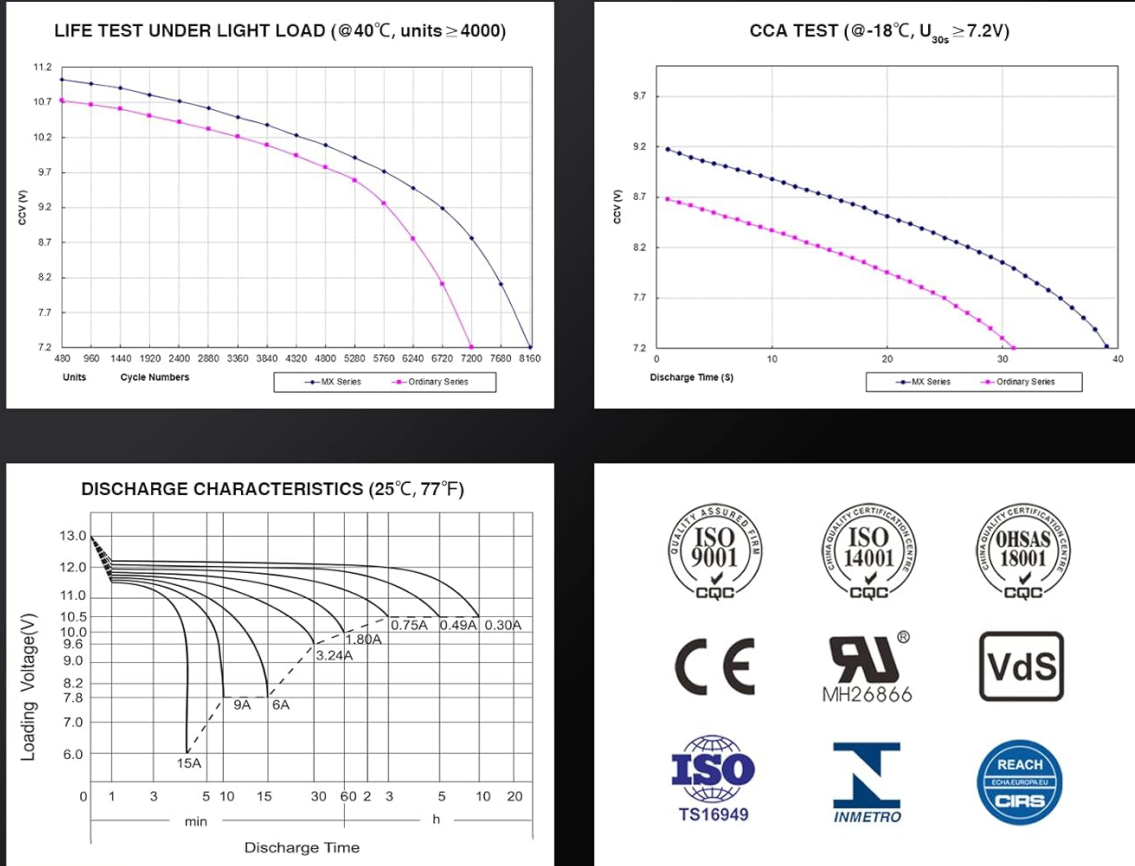


Figure 4: Exploded view demonstrating the advanced internal components and sealed design of the UPLUS battery, including heat-sealed case, sealed terminals, special separator, and grid design.

3. SPECIFICATIONS

Attribute	Value
Brand	UPLUS NEW TECHNOLOGY BATTERY
Model	EB4-3
Type	Sealed Lead Acid (SLA) AGM Maintenance-Free Battery
Voltage	12V
Capacity	3Ah
Cold Cranking Amps (CCA)	50A

Attribute	Value
Dimensions (D x W x H)	2.76" x 4.45" x 3.35" (70mm x 113mm x 85mm)
Item Weight	3.2 pounds (1.45 kg)
Number of Cells	1
Terminal Type	A (Standard Power Sport Terminal)
Country of Origin	China

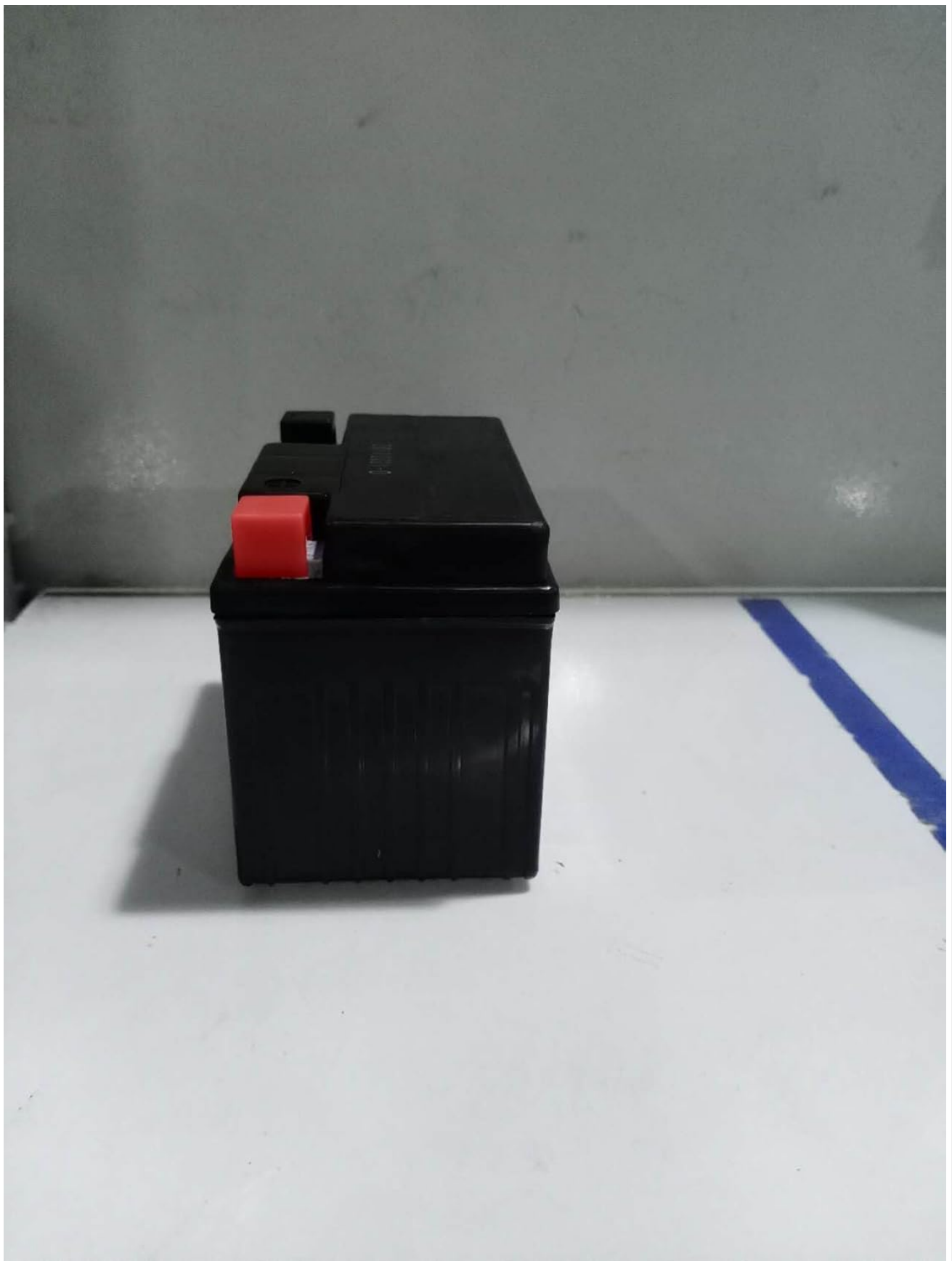


Figure 5: Visual representation of the UPLUS YTX4L-BS battery dimensions.

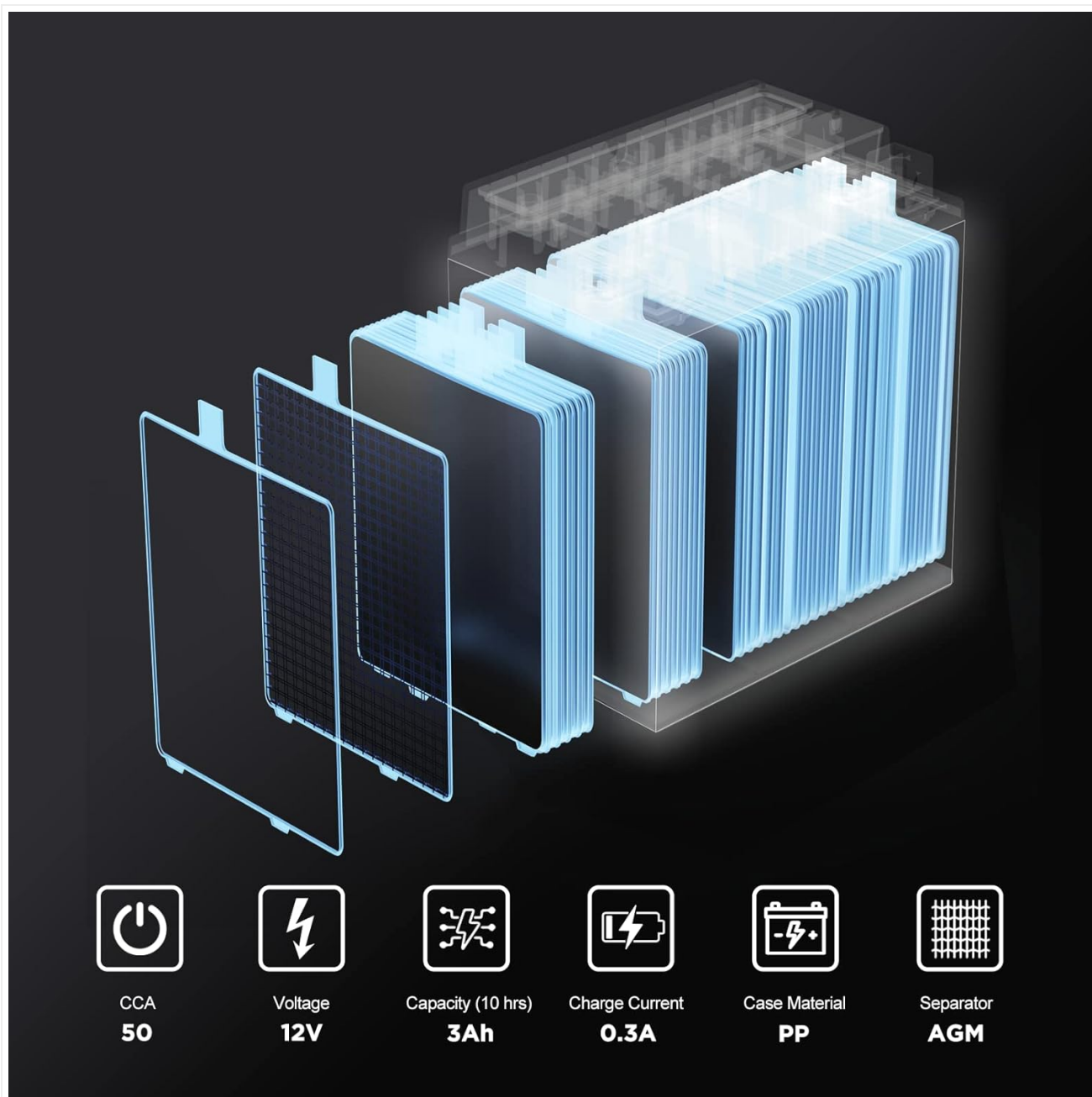


Figure 6: Graphs illustrating the life test under light load and CCA test performance, along with various certifications (ISO9001, ISO14001, OHSAS18001, CE, MH26866, VdS, IATF16949, REACH).

4. COMPATIBILITY

The UPLUS YTX4L-BS battery is designed as a direct OEM replacement for various power sport vehicles. It is compatible with, but not limited to, the following OEM part numbers:

- 4L-BS
- LTX4L-BS
- EBX4L-BS
- 44015
- 2077610
- YTX4L-BS
- 740-1865
- CT4L-BS
- CTX4L-BS
- ES4LBS

- GT4L-BS
- GTX4L-BS
- M62X4B
- PTX4L-BS

This battery is suitable for a wide range of applications, including:

- Motorcycles
- Scooters
- ATVs (All-Terrain Vehicles)
- Snowmobiles
- Jet Skis

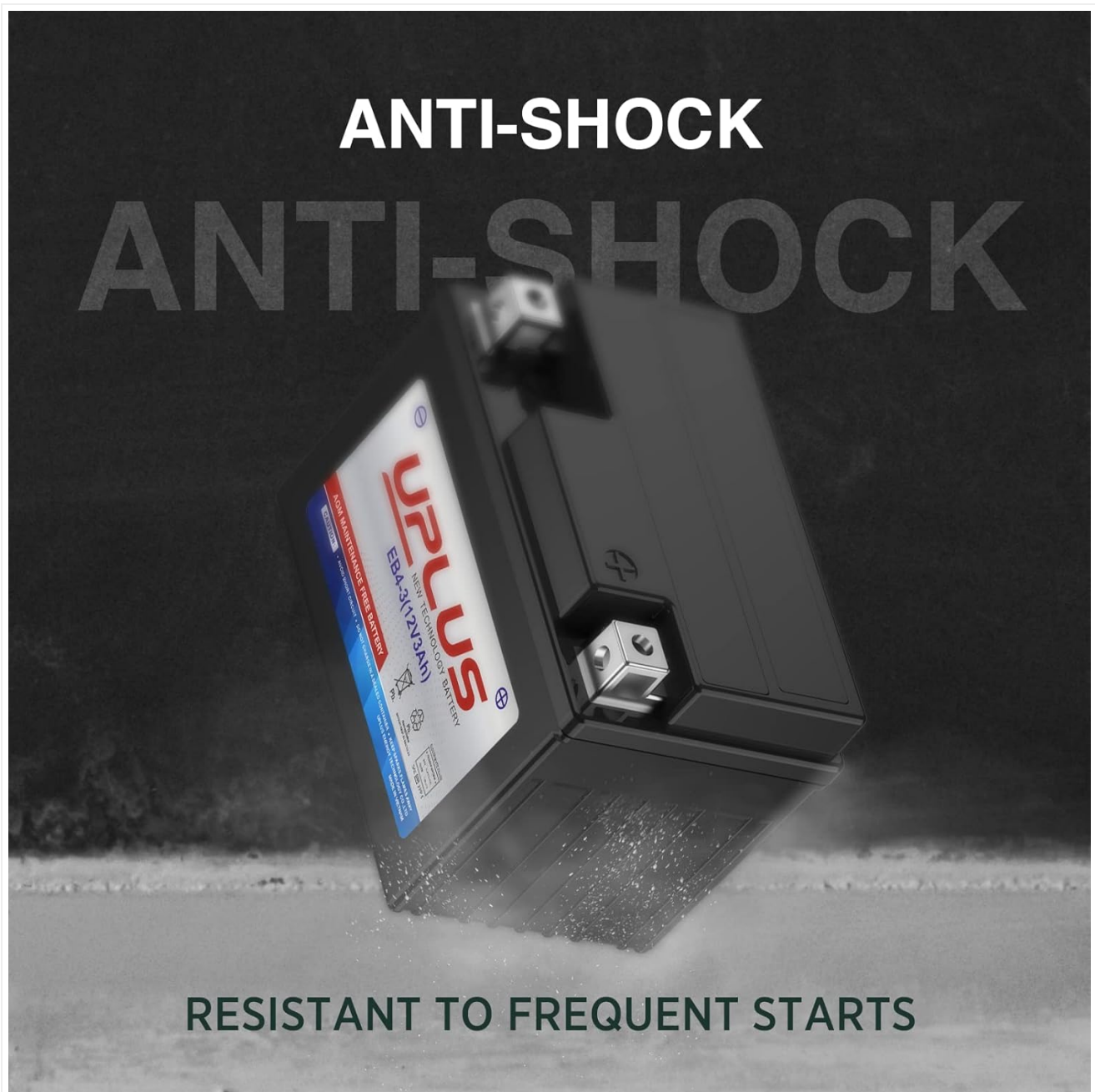


Figure 7: Visual representation of the diverse application areas for UPLUS high-performance motorcycle batteries, including jet skis, motorcycles, ATVs, and snowmobiles.

APPLICATION AREA

High Performance Motorcycle Battery



Figure 8: Overview of the UPLUS 12V 3Ah motorcycle battery as an OEM replacement for YTX4L-BS, highlighting its maintenance-free, non-leaking, non-explosion, and non-swelling properties, along with key specifications like 50 CCA, 12V, 3Ah capacity, and PP case material.

5. SETUP & INSTALLATION

Before installing the UPLUS YTX4L-BS battery, ensure your vehicle's ignition is off and all electrical accessories are disconnected. Always wear appropriate safety gear, including gloves and eye protection, when handling batteries.

- 1. Remove Old Battery:** Carefully disconnect the negative (-) terminal first, followed by the positive (+) terminal. Remove any hold-down straps or clamps securing the old battery. Lift the old battery out of the battery compartment.
- 2. Clean Battery Tray:** Inspect and clean the battery tray and terminals for any corrosion or debris. Ensure the area is dry before placing the new battery.
- 3. Position New Battery:** Place the UPLUS YTX4L-BS battery securely in the battery compartment. Ensure it fits snugly and does not move.
- 4. Connect Terminals:** Connect the positive (+) terminal first, then the negative (-) terminal. Use the provided screws and square nuts to secure the connections. Ensure all connections are tight to prevent arcing and ensure proper electrical flow.
- 5. Secure Battery:** Reinstall any hold-down straps or clamps to firmly secure the battery in place.

6. **Initial Charge (Optional):** While UPLUS batteries come pre-charged, an initial trickle charge before first use can optimize performance and extend lifespan. Refer to your vehicle's manual for specific charging recommendations.

Safety Precaution: Always connect the positive terminal first and disconnect the negative terminal first to avoid short circuits.

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Video 1: A detailed review and installation guide for the Uplus EB4-3 YTX4L-BS 12V 3Ah AGM Sealed Battery, demonstrating the installation process on a motorcycle.

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Video 2: An overview of UPLUS High Quality AGM Batteries, showcasing their application in motorcycles, scooters, and ATVs, and highlighting key features.

6. OPERATION

Once properly installed, the UPLUS YTX4L-BS battery operates as a reliable power source for your vehicle's electrical system. As an AGM maintenance-free battery, it does not require regular electrolyte level checks or water additions. Its sealed design ensures no spills or leaks, making it safe and convenient for various orientations.

The battery's robust construction provides excellent vibration resistance, crucial for powersport applications. Its high CCA (Cold Cranking Amps) rating ensures strong starting power, even in cold weather conditions.

7. MAINTENANCE

The UPLUS YTX4L-BS is an AGM maintenance-free battery, significantly reducing the need for routine upkeep. However, periodic checks can help ensure its longevity and optimal performance:

- **Terminal Inspection:** Periodically check the battery terminals for cleanliness and tightness. Ensure there is no corrosion. If corrosion is present, disconnect the battery (negative first, then positive), clean the terminals with a wire brush and a baking soda/water solution, rinse with clean water, dry thoroughly, and re-connect (positive first, then negative).
- **Battery Case Inspection:** Visually inspect the battery case for any signs of damage, cracks, or swelling. A swollen battery indicates a potential issue and should be replaced immediately.
- **Charge Level:** If the vehicle is stored for extended periods, especially in cold conditions, consider using a trickle charger or battery maintainer to keep the battery fully charged. This prevents sulfation and extends battery life.
- **Storage:** When storing the battery, ensure it is fully charged and stored in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you experience issues with your UPLUS YTX4L-BS battery, consider the following common troubleshooting steps:

- **Vehicle Not Starting (Weak Crank):**
 - Check battery terminals for loose connections or corrosion. Tighten and clean as necessary.
 - Test battery voltage with a multimeter. A fully charged 12V battery should read around 12.6V or higher. If significantly lower, the battery may need charging.
 - Ensure the charging system of your vehicle (alternator/stator, regulator/rectifier) is functioning correctly.
- **Battery Not Holding Charge:**
 - Verify that the charging system of your vehicle is working properly.
 - Check for parasitic drains (components drawing power when the vehicle is off).
 - If the battery is old or has been deeply discharged multiple times, its capacity may be reduced.

- **Swollen Battery Case:**

- A swollen battery case indicates internal damage, often due to overcharging or extreme heat. This battery is unsafe and must be replaced immediately. Do not attempt to charge or use a swollen battery.

For persistent issues or if you are unsure about any step, it is recommended to consult a qualified technician or contact UPLUS customer support.

9. WARRANTY AND SUPPORT

UPLUS NEW TECHNOLOGY BATTERY stands behind the quality of its products. The UPLUS YTX4L-BS battery comes with a **15-month warranty** from the date of purchase.

Additionally, a **60-day refund window** is provided for customer satisfaction. For any warranty claims, technical assistance, or product inquiries, please contact UPLUS customer support. UPLUS has a fixed office and warehouse in California, and their local after-sales team aims to respond within 12 hours.

For further assistance, please visit the [UPLUS NEW TECHNOLOGY BATTERY Store on Amazon](#) or refer to the contact information provided with your purchase.



Figure 9: Map illustrating UPLUS's local office and warehouse locations in the USA, emphasizing their commitment to prompt after-sales support within 12 hours.