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Model: YUAM72H4A | Brand: Yuasa

1. PRODUCT OVERVIEW

The Yuasa YTX H Series AGM Battery (Model YUAM72H4A) is a high-performance, factory-activated battery designed for various applications requiring reliable power. This battery features advanced lead-calcium technology, which allows it to maintain its specific gravity significantly longer than conventional lead-antimony batteries. Its Absorbed Glass Mat (AGM) separators absorb the electrolyte, making the battery non-spillable. The valve-regulated design eliminates water loss, removing the need for refilling. This battery is factory-activated, meaning it is pre-filled with electrolyte, sealed, and charged at the factory, ready for immediate use.

Key features include:

- Up to 30% more cold cranking amps for increased power.
- Advanced lead-calcium technology for extended charge retention.
- Absorbed Glass Mat (AGM) separators for a non-spillable design.
- Valve-regulated design eliminates water loss and maintenance.
- Factory Activated (FA) for immediate use upon purchase.



Figure 1: Yuasa YUAM72H4A YTX14AH Factory Activated H Series AGM Battery. This image displays the top and front of the battery, showing the positive and negative terminals, the Yuasa branding, and key specifications printed on the label. Included are the terminal screws and nuts for installation.

2. SAFETY INFORMATION

Always prioritize safety when handling batteries. Failure to follow these instructions can result in serious injury or property damage.

- **DANGER/POISON:** This battery contains sulfuric acid, which can cause blindness or severe burns upon contact.
- **EYE PROTECTION:** Always wear appropriate eye protection (safety goggles) when working with batteries.
- **EXPLOSIVE GASES:** Batteries produce explosive gases. Keep sparks, flames, and smoking materials away from the battery. Ensure adequate ventilation.
- **KEEP OUT OF REACH OF CHILDREN:** Store batteries in a secure location inaccessible to children.
- **FIRST AID:** In case of contact with acid, flush eyes immediately with water for at least 15 minutes and seek medical help fast. For skin contact, wash thoroughly with soap and water.
- **INSTALLATION:** Read the complete instruction manual carefully before installation or use.
- **DISPOSAL:** Do not dispose of batteries in household waste. Recycle properly at an authorized facility.

3. SETUP AND INSTALLATION

The Yuasa YUAM72H4A battery is Factory Activated (FA), meaning it comes pre-filled, sealed, and charged, ready for installation. No initial electrolyte filling or charging is required.

3.1 Preparing for Installation

1. Ensure the vehicle's ignition is off and the key is removed.

2. Locate the existing battery in your vehicle.
3. Wear appropriate safety gear, including eye protection and gloves.

3.2 Removing the Old Battery

1. Disconnect the negative (-) terminal first, followed by the positive (+) terminal.
2. Carefully remove any battery hold-down straps or clamps.
3. Lift the old battery out of its compartment. Be mindful of its weight.
4. Inspect the battery tray and cables for corrosion or damage. Clean as necessary.

Video 1: Battery Removal and Installation. This video demonstrates the process of removing an old battery and installing a new one in a motorcycle, including disconnecting and reconnecting terminals.

3.3 Installing the New Battery

1. Place the new Yuasa YUAM72H4A battery into the battery compartment. Ensure it sits securely.
2. Secure the battery with any hold-down straps or clamps.
3. Connect the positive (+) terminal first, then the negative (-) terminal. Ensure connections are tight.
4. Apply a thin coat of dielectric grease to the terminals to prevent corrosion.

Video 2: Motorcycle Battery Wiring Guide. This video provides a detailed guide on correctly wiring a motorcycle battery, emphasizing the proper sequence for connecting positive and negative terminals.

4. OPERATING INSTRUCTIONS

Once installed, the Yuasa YUAM72H4A battery is ready to power your vehicle. Ensure all electrical connections are secure before starting the engine.

- The battery provides 12 volts of power for starting and operating vehicle electronics.
- Avoid excessive discharge, as this can shorten battery life.
- If the vehicle is not used for extended periods, consider using a trickle charger to maintain the battery's charge.

5. MAINTENANCE

While the Yuasa YTX H Series AGM battery is maintenance-free in terms of electrolyte refilling, regular checks can extend its lifespan and ensure optimal performance.

- **Terminal Inspection:** Periodically check battery terminals for cleanliness and tightness. Clean any corrosion with a wire brush and baking soda solution, then rinse with water and dry thoroughly.
- **Battery Case:** Keep the battery case clean and dry. Inspect for any signs of damage or cracks.
- **Charging:** If the vehicle is stored or used infrequently, connect the battery to a suitable battery maintainer or trickle charger to prevent self-discharge. This helps prolong battery life.
- **Storage:** When storing the battery for long periods, ensure it is fully charged and stored in a cool, dry place. Recharge every 3-6 months if not connected to a maintainer.

6. TROUBLESHOOTING

If you encounter issues with your Yuasa YUAM72H4A battery, consider the following common troubleshooting steps:

- **Engine Cranks Slowly or Not at All:** This often indicates a low battery charge. Check the battery voltage with a multimeter. If below 12.4V, recharge the battery. Also, inspect terminals for corrosion and ensure they

are tightly connected.

- **Lights Dim or Flickering:** Similar to slow cranking, this suggests a low battery charge or poor connections. Verify voltage and terminal integrity.
- **Battery Not Holding a Charge:** After charging, if the battery quickly loses its charge, it might be due to a parasitic drain in the vehicle's electrical system or the battery has reached the end of its service life. Consult a professional for parasitic drain diagnosis.
- **Swollen Battery Case:** A swollen battery case indicates overcharging or internal damage. Discontinue use immediately and replace the battery.

For persistent issues, consult a qualified technician or contact Yuasa customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	YUAM72H4A (YTX14AH)
Battery Type	Factory Activated H Series AGM Battery
Voltage	12V
Capacity (10HR)	12 Ah
Capacity (20HR)	12.6 Ah
Cold Cranking Amps (CCA @ 0°F)	210A
Regular Charge Current	1.2 Amp
Length	5 5/16 in (134 mm)
Width	3 1/2 in (89 mm)
Height	6 9/16 in (166 mm) (Includes 10mm height spacer)
Weight with Acid	11.1 lbs
Terminal Type	F2 Terminal
Technology	Advanced Lead-Calcium, Absorbed Glass Mat (AGM)

8. WARRANTY INFORMATION

For specific warranty details regarding your Yuasa YUAM72H4A battery, please refer to the warranty card included with your product or visit the official Yuasa website. Warranty coverage typically includes defects in materials and workmanship under normal use and service conditions.

9. SUPPORT

If you require further assistance, have questions about your battery, or need technical support, please contact Yuasa customer service through their official website or the contact information provided in your product packaging. When contacting support, please have your battery model number (YUAM72H4A) and purchase details readily available.

Related Documents - YUAM72H4A

	<p>Yuasa Powersports Batteries: Applications & Specifications Guide</p> <p>Comprehensive guide to Yuasa powersports batteries, covering applications, specifications, battery types (AGM, Conventional, Yumicron), features, benefits, safety, charging, activation, installation, maintenance, and storage for motorcycles, ATVs, UTVs, PWC, and snowmobiles.</p>
	<p>Yuasa Powersports Battery Applications and Specifications Guide</p> <p>Explore the comprehensive Yuasa Powersports Battery Applications and Specifications guide. Find detailed information on motorcycle, ATV, UTV, snowmobile, and PWC batteries, including models, specs, and maintenance.</p>
	<p>Yuasa Powersports Battery Applications & Specifications Guide</p> <p>Comprehensive guide to Yuasa powersports batteries, detailing types, specifications, features, and applications for motorcycles, ATVs, UTVs, PWC, and snowmobiles. Includes technical information and maintenance tips.</p>
	<p>Yuasa Powersports Batteries Selection Guide</p> <p>Explore the comprehensive Yuasa Powersports Batteries Selection Guide, detailing premium batteries for motorcycles, ATVs, personal watercraft, and more. Discover features, benefits, and product specifications for optimal performance and longevity.</p>
	<p>Yuasa Motorcycle & Powersport Battery Application & Specification Guide</p> <p>Comprehensive application and specification guide for Yuasa motorcycle and powersport batteries. Find the right battery for your vehicle with detailed product information and cross-reference charts.</p>
	<p>Yuasa Powersports Battery Applications & Specifications Guide 2023</p> <p>Explore the comprehensive Yuasa Powersports Battery Applications & Specifications catalog. Find detailed information on battery types, performance data, and vehicle compatibility for motorcycles, ATVs, UTVs, PWC, and snowmobiles.</p>

