

WEIZE QTF-60



Weize Platinum AGM Battery BCI Group 47-12V 60Ah H5 Size 47 Instruction Manual

Model: QTF-60

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Weize Platinum AGM Battery, BCI Group 47. This 12V 60Ah H5 size automotive battery features a 100RC rating and 680CCA, designed for reliable performance and long service life, especially in vehicles with start-stop technology and high electrical accessory loads. Please read this manual thoroughly before installation and operation.

DIMENSIONS



Image 1: Weize Platinum AGM Battery, Group Size 47.

2. SAFETY INFORMATION

WARNING: Batteries contain sulfuric acid and produce explosive gases. Always wear eye protection and gloves when handling. Keep away from sparks, flames, and cigarettes. Do not open the battery. Keep out of reach of children.

- Always disconnect the negative (-) terminal first and reconnect it last.
- Ensure proper ventilation when charging or working near batteries.
- Avoid short-circuiting battery terminals.
- If battery acid comes into contact with skin or eyes, flush immediately with water and seek medical attention.

3. SETUP (INSTALLATION)

3.1 Pre-Installation Checks

Before installing your new battery, verify the following:

1. **Dimensions:** Confirm the battery dimensions (9.52" L x 6.89" W x 7.48" H) match your vehicle's battery tray.
2. **Terminal Position:** Ensure the terminal configuration (Left negative (-), Right positive (+)) is consistent with your vehicle's requirements.
3. **Cold Cranking Amps (CCA):** Verify the 680CCA rating is suitable for your vehicle's starting power needs.



Image 2: Detailed dimensions of the Weize Platinum AGM Battery.

HOW TO CHOOSE THE RIGHT BATTERY FOR YOUR CAR

- ✓ 1. Confirm battery size:
9.52*6.89*7.48inch
- ✓ 2. Check the minimum Cold Cranking Amps (CCA) for your car
- ✓ 3. Confirm the positive and negative direction of the terminals
- ✓ 4. Replaceable battery size :
BCI Group 47 DIN H5,L2 EN 55L2



Image 3: Visual guide on how to choose the correct battery size and specifications.

3.2 Installation Steps

1. **Disconnect Old Battery:** Using appropriate tools (typically a 10mm wrench), disconnect the negative (-) terminal first, followed by the positive (+) terminal. Remove any battery hold-down clamps.
2. **Remove Old Battery:** Carefully lift and remove the old battery from the tray.
3. **Clean Battery Tray:** Clean the battery tray and terminals to remove any corrosion or debris.
4. **Place New Battery:** Carefully place the Weize Platinum AGM Battery into the battery tray, ensuring it sits securely.
5. **Secure Battery:** Reinstall any hold-down clamps to secure the battery in place.
6. **Connect New Battery:** Connect the positive (+) terminal first, then the negative (-) terminal. Tighten all connections securely, but do not overtighten.

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Video 1: Demonstration of car battery replacement, including removal and installation steps. This video shows the process for a similar battery type.

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Video 2: Overview of a BCI Group 47 AGM Car Battery, highlighting its features and installation process.

4. OPERATING

The Weize Platinum AGM Battery is designed for immediate use upon installation. It is compatible with vehicles featuring start-stop technology, providing consistent power delivery and quick, reliable starts.

- **Initial Start-up:** After installation, start your vehicle to confirm proper connection and functionality.
- **Voltage Check:** A fully charged AGM battery should read between 12.6V and 12.8V.
- **Start-Stop Systems:** This battery is optimized for frequent engine starts and stops, ensuring smooth operation of your vehicle's start-stop system.

5. MAINTENANCE

The Weize Platinum AGM Battery is a maintenance-free battery, meaning it does not require water additions. However, regular checks can prolong its lifespan and ensure optimal performance.

- **Terminal Cleaning:** Periodically inspect battery terminals for corrosion. Clean any corrosion with a wire brush and a battery terminal cleaner solution.
- **Case Inspection:** Check the battery case for any signs of damage, cracks, or swelling. A leak-proof and non-spillable design minimizes risks.
- **Secure Mounting:** Ensure the battery remains securely mounted in its tray to prevent vibration damage.
- **Storage:** If storing the battery for extended periods, ensure it is fully charged and stored in a cool, dry place. Periodically check the voltage and recharge if it drops below 12.4V.



Image 4: Highlighting the leak-proof and non-spillable design of the AGM battery.

6. TROUBLESHOOTING

If you experience issues with your Weize Platinum AGM Battery, consider the following:

- **Slow or No Start:** Check battery terminal connections for tightness and corrosion. Ensure the battery is fully charged. If the issue persists, have your vehicle's charging system inspected.
- **Reduced Performance:** If the battery is not performing as expected, verify the charging voltage (14.4V ~ 15.0V) and current (0 ~ 18A). Ensure no excessive electrical loads are draining the battery.
- **Battery Light On:** This indicates a potential issue with your vehicle's charging system or the battery itself. Consult a qualified technician.

7. SPECIFICATIONS

Feature	Specification
Brand	WEIZE
Model	QTF-60 (Automotive Group 47 Battery)
Battery Type	AGM (Absorbed Glass Mat)
Voltage	12V
Capacity	60 Ah
Cold Cranking Amps (CCA)	680A
Reserve Capacity (RC)	100 minutes
Dimensions (L x W x H)	9.52" x 6.89" x 7.48"
Terminal Type	Tapered terminal (Left negative (-), Right positive (+))
Self-Discharge	<8% after 90 days storage
Operating Temperature Range	-22°F ~ 158°F (-30°C ~ 70°C)
Acceptable Charging Current	0 ~ 18A
Charging Voltage	14.4 ~ 15.0 V
Item Weight	41.6 pounds

8. WARRANTY

The Weize Platinum AGM Battery comes with a **36-month free replacement warranty**. This warranty covers manufacturing defects and ensures reliable performance under normal operating conditions. For warranty claims, please retain your proof of purchase and contact the seller or manufacturer directly for assistance.

9. SUPPORT

For further assistance, technical support, or to inquire about other products, please visit the official WEIZE store on Amazon or contact their customer service directly. You can find more information and contact details on the [WEIZE Store Page](#).

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Video 3: A compatibility list for Group 47 car batteries, useful for verifying vehicle fitment.

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Video 4: Information on BCI Group 47 AGM Car Batteries and suitable vehicles.

