

EBL EB-AGM H6

EBL Platinum AGM Battery User Manual

Model: EB-AGM H6 | BCI Group 48R | 12V 70Ah

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your EBL Platinum AGM Battery. Please read it thoroughly before installation and operation. Proper installation and maintenance will ensure optimal performance and longevity of your battery.

The EBL Platinum AGM Battery (Model: EB-AGM H6) is a high-performance, maintenance-free automotive battery designed for reliable starting power and sustained energy delivery. It features Absorbent Glass Mat (AGM) technology for enhanced durability, vibration resistance, and a longer lifespan compared to traditional flooded batteries.

2. 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 smoke or allow open flames or sparks near the battery.
- Ensure adequate ventilation when working with batteries.
- Avoid contact with battery acid. In case of contact, flush immediately with water and seek medical attention.
- Do not short-circuit battery terminals.
- Keep batteries out of reach of children.

3. SETUP AND INSTALLATION

Before installation, ensure the vehicle's ignition is off and all accessories are disconnected. Disconnect the negative (-) battery cable first, then the positive (+) cable. Remove the old battery carefully.

3.1. Unboxing and Inspection

Upon receiving your EBL Platinum AGM Battery, inspect the packaging and the battery for any signs of damage. If damage is observed, do not install the battery and contact customer support.



Figure 3.1: Front view of the EBL Platinum AGM Battery, showing the EBL logo, EB-AGM H6 model designation, and "Maintenance Free Car Battery" label. The battery features a black casing with integrated handles and a red positive terminal cap.

3.2. Installation Steps

1. Clean the battery tray and cable terminals to ensure good electrical contact.
2. Carefully place the new EBL Platinum AGM Battery into the battery tray, ensuring it is securely seated.
3. Connect the positive (+) battery cable first, then the negative (-) cable. Ensure connections are tight and secure.
4. Apply a thin layer of anti-corrosion grease to the terminals to prevent corrosion.
5. Verify that the battery is firmly held in place by the battery hold-down clamp.

12V 70AH AGM BATTERY



Figure 3.2: Diagram highlighting key features of the EBL 12V 70Ah AGM Battery, including ultimate safety features, ultra-fine glass fiber separators, no free acid, 4 times longer cycle life, excellent cold start discharge capability, high performance charge acceptance, valve-controlled oxygen compound design, and fuel-saving/environmentally friendly aspects.

4. OPERATING THE BATTERY

The EBL Platinum AGM Battery is designed for maintenance-free operation. Once installed, it functions as a standard automotive starting battery.

4.1. Initial Charge

While the battery comes pre-charged, it is recommended to fully charge it before the first use, especially if it has been stored for an extended period. Use a charger compatible with AGM batteries.

4.2. Temperature Performance

This AGM battery is engineered for extreme temperature resilience, operating flawlessly in temperatures ranging from -10°C to 60°C (14°F to 140°F).

Strong Starting Performance & High Performance Charging Acceptance

- High strength, strong power
- Good conductivity, faster current transmission
- Optimized frame design to reduce grid corrosion
- Light grid weight, improve battery energy ratio



Figure 4.1: Image depicting a car on a road transitioning from snowy to sunny conditions, illustrating the battery's ability to perform in extreme temperatures ranging from 14°F (-10°C) to 140°F (60°C).

4.3. Charging Guidelines

For optimal battery life, ensure your vehicle's charging system is functioning correctly. If using an external charger, ensure it is specifically designed for AGM batteries and provides a stable voltage. The recommended charging temperature range is 0°C to 45°C (32°F to 113°F).

5. MAINTENANCE

The EBL Platinum AGM Battery is a maintenance-free battery, meaning it does not require water refilling. However, periodic checks are recommended to 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.

- **Casing Inspection:** Inspect the battery casing for any cracks, bulges, or leaks. If any damage is found, the battery should be replaced.
- **Battery Hold-Down:** Ensure the battery is securely fastened in its tray to prevent vibration damage.
- **Storage:** If storing the battery for an extended period, ensure it is fully charged and stored in a cool, dry place. AGM batteries have a low self-discharge rate, holding their charge 3-5 times longer than traditional batteries.

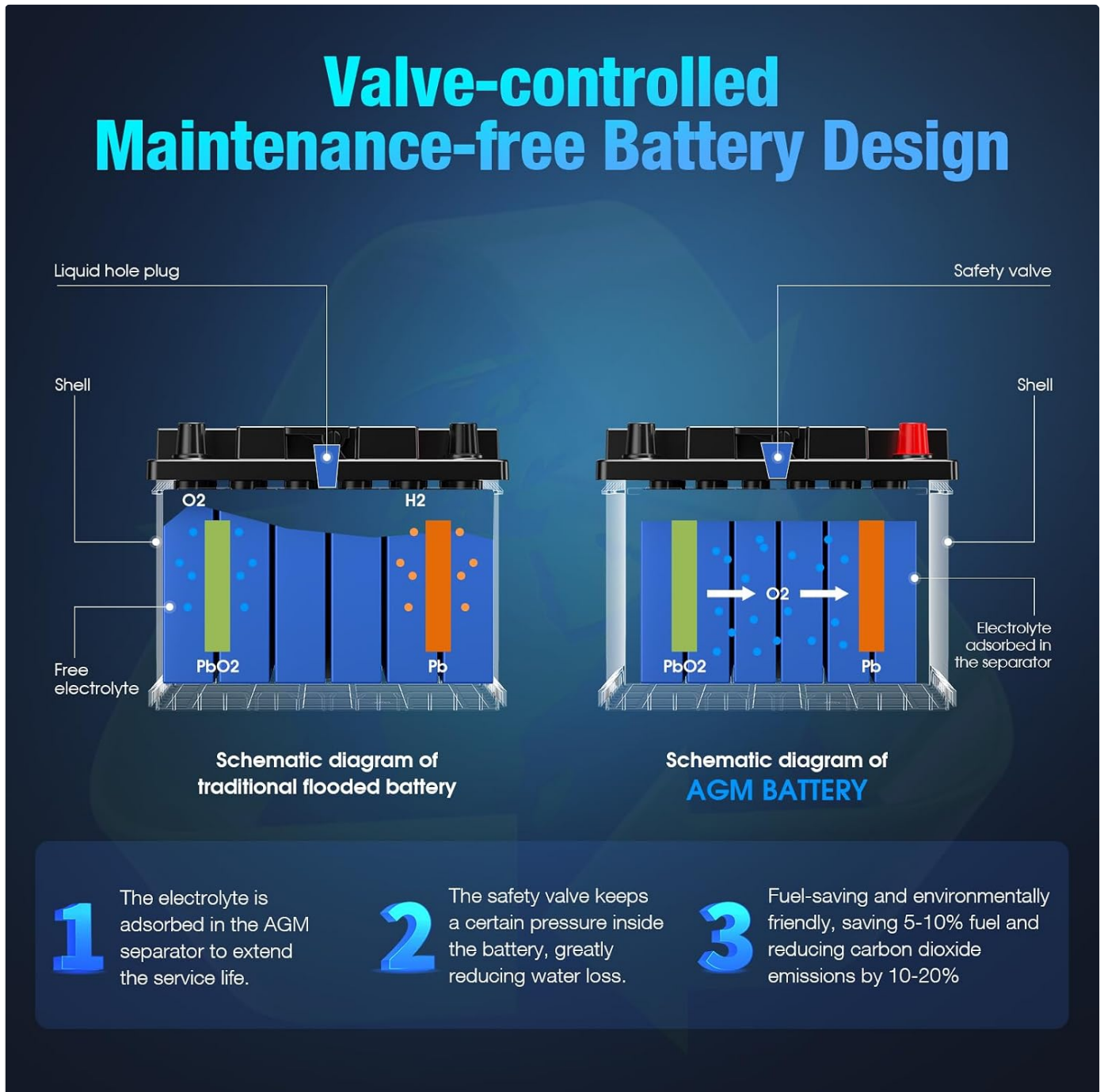


Figure 5.1: Schematic diagram comparing a traditional flooded battery with an AGM battery. It illustrates how the electrolyte is adsorbed in the AGM separator, the role of the safety valve in maintaining pressure, and the environmental benefits of AGM technology.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your EBL Platinum AGM Battery.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Engine cranks slowly or not at all	Low battery charge, loose or corroded terminals, faulty starter motor, alternator issue.	Charge the battery. Clean and tighten terminals. Test starter and alternator.
Battery not holding charge	Parasitic drain, faulty charging system, aged battery.	Check for electrical drains. Inspect alternator. Battery may need replacement if old.
Battery casing is swollen or cracked	Overcharging, internal damage.	Immediately disconnect and replace the battery. Do not attempt to charge or use.

7. SPECIFICATIONS

The following table details the technical specifications of the EBL Platinum AGM Battery (Model: EB-AGM H6).



The image shows a black EBL EB-AGM H6 battery. The label features the EBL logo, the model name 'EB-AGM H6', and technical specifications: '12V 70AH 760CCA 120RC'. It also includes a 'Maintenance Free Car Battery' badge and a '12 MONTHS FREE REPLACEMENT' warranty. The battery is set against a dark blue background with a glowing blue base.

EBL 70AH AGM BATTERY

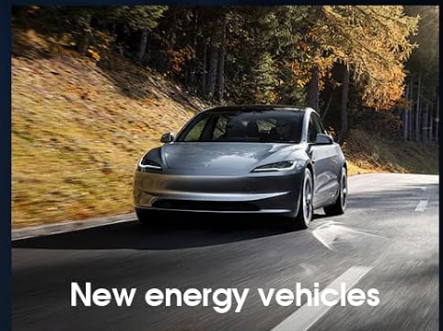
Nominal Voltage: 12V	CA: 912A
Nominal Capacity(20HR): 70Ah	BCI Group: 48R
Reserve Capacity: 120min	DIN Codes: H5,L3
Charging temperature range: 0 ~ 45°C	CCA: 760A

Figure 7.1: Image displaying the key specifications of the EBL 70Ah AGM Battery, including Nominal Voltage, Nominal Capacity, Reserve Capacity, Charging Temperature Range, CA, BCI Group, DIN Codes, and CCA.

Feature	Specification
Model	EB-AGM H6
Nominal Voltage	12V
Nominal Capacity (20HR)	70Ah
Cold Cranking Amps (CCA)	760A
Cranking Amps (CA)	912A
Reserve Capacity (RC)	120 minutes
BCI Group Size	48R (H6)
Product Dimensions (L x W x H)	278 x 175 x 190 mm (10.94"D x 6.88"W x 7.48"H)
Weight	20.6 kg (45.4 lb)
Operating Temperature Range	-10°C to 60°C (14°F to 140°F)
Charging Temperature Range	0°C to 45°C (32°F to 113°F)

Wide Compatibility & High Safety

Applicable to large sedans/SUVs and new energy vehicles equipped with start-stop systems and power-consuming devices



Note: Product dimensions are measured manually, so there may be some errors. Please refer to the actual product for details.

Figure 7.2: Image showing the EBL Platinum AGM Battery with its dimensions (27.8cm/10.94in length, 17.5cm/6.88in width, 19.0cm/7.48in height) and weight (20.6kg/45.4lb). It also illustrates compatibility with large cars, SUVs, and new energy vehicles, indicating its wide applicability.

8. WARRANTY AND SUPPORT

The EBL Platinum AGM Battery comes with a **1-year limited warranty**. This warranty covers defects in materials and workmanship under normal use and service.

For warranty claims, technical support, or any questions regarding your EBL battery, please contact EBL customer service through their official channels. Keep your proof of purchase for warranty validation.

For more information, visit the [EBL Official Store on Amazon](#).

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question