

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [ACDelco Tools](#) /

› [ACDelco Tools G12 Series 12V Li-Ion Battery \(AB1207LA-P2\) Instruction Manual](#)

ACDelco Tools AB1207LA-P2

ACDelco Tools G12 Series 12V Li-Ion Battery (AB1207LA-P2) Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your ACDelco Tools G12 Series 12V Li-Ion Battery (model AB1207LA-P2). Please read these instructions carefully before use and retain them for future reference. The G12 Series batteries are designed for compatibility with a wide range of ACDelco G12 Series compact tools, offering reliable power for various applications.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in electric shock, fire, and/or serious injury.

- Always use the battery with compatible ACDelco G12 Series chargers and tools.
- Do not expose the battery to rain or wet conditions.
- Do not store the battery in locations where the temperature may reach or exceed 122°F (50°C).
- Do not incinerate the battery, even if it is severely damaged or completely dead. The battery can explode in a fire.
- Do not short-circuit the battery terminals.
- Do not disassemble, crush, or modify the battery.
- Keep the battery away from children.
- If battery fluid comes into contact with skin or eyes, rinse immediately with plenty of water and seek medical attention.
- Dispose of used batteries responsibly according to local regulations.

3. PRODUCT OVERVIEW

The ACDelco G12 Series 12V Li-Ion Battery (AB1207LA-P2) is designed for optimal performance and durability. This 2-pack provides extended operational time for your G12 Series tools.



Figure 1: Two ACDelco G12 Series 12V Li-Ion Batteries (Model AB1207LA-P2)

Key Features:

- **Lightweight Design:** Each battery weighs approximately 6.4 oz (0.2 kg), making it easy to handle and carry.
- **Premium Quality:** Features zero memory effect, allowing for charging or discharging as needed without capacity loss.
- **Overload Protection:** Integrated total communication system between the battery and charger optimizes performance and protects against overcharging, overheating, and short-circuits, prolonging battery lifespan.
- **Interchangeable:** Compatible with all ACDelco G12 Series tools, including ratchet wrenches, impact wrenches, drill drivers, sander/polishers, and more.

Advanced Battery System

The battery has built-in protection against potential damage caused by overcharging, overheating and short-circuit protection

Battery type: Li-ion / Voltage: 12V MAX



Figure 2: Advanced Battery System highlighting protection features.



Figure 3: G12 Series battery compatibility with different tools like ratchet wrenches, impact wrenches, and drill drivers.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the battery using a compatible AC Delco G12 Series charger (model ADC12US07-99, sold separately). Refer to your charger's instruction manual for specific charging procedures.

1. Connect the charger to a standard power outlet.
2. Insert the battery into the charger, ensuring proper alignment.
3. Allow the battery to charge until the charger's indicator light signals a full charge.
4. Remove the battery from the charger once fully charged.

4.2 Battery Installation

To install the battery into a compatible G12 Series tool:

1. Ensure the tool is switched off.
2. Align the battery with the battery port on the tool.
3. Slide the battery firmly into the tool until it clicks securely into place.

- To remove, press the battery release button (if applicable) and slide the battery out.

5. OPERATING INSTRUCTIONS

The G12 Series 12V Li-Ion Battery powers your ACDelco G12 Series cordless tools. Always refer to the specific tool's instruction manual for detailed operating procedures.

- Ensure the battery is fully charged before starting any task to maximize performance and runtime.
- Monitor the battery indicator on your tool (if available) to track remaining charge.
- Avoid completely draining the battery, as this can reduce its overall lifespan.
- When the tool's performance decreases, it indicates a low battery. Replace with a charged battery or recharge the current one.

Your browser does not support the video tag.

Video 1: Overview of ACDelco G12 Series tools, demonstrating their use and the interchangeable battery system.

6. MAINTENANCE

6.1 Charging

Always use the specified ACDelco G12 Series charger. Charging outside the recommended temperature range (typically 40°F to 104°F / 5°C to 40°C) can damage the battery and shorten its life.

6.2 Storage

- Store batteries in a cool, dry place, away from direct sunlight and excessive heat.
- For long-term storage, charge the battery to approximately 50% capacity.
- Avoid storing batteries in a completely discharged state.
- Keep battery terminals clean and free from debris.

6.3 Cleaning

Use a clean, dry cloth to wipe the exterior of the battery. Do not use solvents or harsh chemicals. Ensure no moisture enters the battery terminals.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; faulty charger; battery too hot/cold; damaged battery.	Check charger connection; try a different outlet; allow battery to reach room temperature; replace charger or battery if damaged.
Tool not operating	Battery not fully inserted; battery discharged; faulty tool.	Ensure battery is clicked into place; charge battery; consult tool's manual or contact service.
Reduced runtime	Battery not fully charged; battery nearing end of life; extreme operating conditions.	Ensure full charge; consider replacing battery; operate within recommended temperature ranges.

8. SPECIFICATIONS

- **Model Number:** AB1207LA-P2
- **Voltage:** 12 Vdc
- **Battery Cell:** 3 Lithium Ion Cells
- **Item Weight:** 0.44 lbs. (0.2 kg) per battery
- **Package Dimensions:** 4.76 x 3.74 x 2.64 inches
- **Number of Batteries:** 2 (included)
- **Recommended Charger:** ADC12US07-99 (Not included, sold separately)
- **Brand:** ACDelco Tools

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation included with your purchase or visit the official ACDelco Tools website. Keep your proof of purchase for warranty claims.

ACDelco Tools Store: [Visit the Store](#)