

## Huepar Lithium Battery

# Huepar Lithium Battery Instruction Manual

For GF360G and GF360R Laser Levels

## 1. PRODUCT OVERVIEW

This document provides essential instructions for the safe and effective use of the Huepar Lithium Battery, specifically designed for compatibility with Huepar GF360G and GF360R laser levels. This battery serves as a power source for these devices, ensuring their operation.

**Note:** This manual pertains to the battery unit only. For instructions regarding the laser level itself, please refer to the specific manual provided with your Huepar GF360G or GF360R laser level.

## 2. SAFETY INFORMATION

Please read and understand all safety warnings and instructions before using this battery. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Do not disassemble, open, or shred the battery pack.
- Do not expose the battery to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.
- Do not subject battery packs to mechanical shock.
- In the event of battery leakage, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Keep battery packs clean and dry.
- Recharge only with the charger specified by Huepar for the GF360G/GF360R laser levels.
- Do not use any charger other than that specifically provided for use with the equipment.
- Observe the plus (+) and minus (-) marks on the battery and equipment and ensure correct use.
- Keep the battery out of reach of children.
- Dispose of used batteries promptly and according to local regulations.

**Important Note on Laser Classification:** The Huepar GF360G/GF360R laser levels, when powered by this battery, are Class 2 laser products according to IEC/EN60825-1/2014. This classification indicates that eye protection is normally secured by aversion responses and the blink reflex. However, **avoid direct**

**exposure of the laser beam to the eyes.** This warning applies to the laser level itself, not the battery.

### 3. SETUP AND INSTALLATION

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This section details the proper installation of the Huepar Lithium Battery into your compatible laser level.

1. **Identify Battery Compartment:** Locate the battery compartment on your Huepar GF360G or GF360R laser level. Refer to your laser level's manual for the exact location and opening procedure.
2. **Open Compartment:** Carefully open the battery compartment cover.
3. **Insert Battery:** Align the Huepar Lithium Battery with the battery contacts inside the compartment. Ensure the positive (+) and negative (-) terminals on the battery match the markings within the compartment. Gently push the battery into place until it is securely seated.
4. **Close Compartment:** Close the battery compartment cover firmly to ensure a secure fit and prevent dust or moisture ingress.



**Figure 3.1:** Top view of the Huepar Lithium Battery, showing the model label "B-180102" and the connection points for insertion into the laser level.



**Figure 3.2:** Bottom view of the Huepar Lithium Battery, illustrating the electrical contact points that connect with the laser level's power terminals.

## 4. OPERATING AND CHARGING

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This battery is designed to be charged while installed within the compatible Huepar GF360G or GF360R laser level, using the charger provided with the laser level.

1. **Initial Charge:** Before first use, fully charge the battery.
2. **Charging Procedure:**
  - Ensure the battery is correctly installed in the laser level.
  - Connect the charger (supplied with your laser level) to the charging port on the laser level.
  - Plug the charger into a suitable power outlet.
  - Monitor the charging indicator on your laser level (refer to your laser level's manual for indicator details).
  - Once fully charged, disconnect the charger from the laser level and the power outlet.
3. **Battery Life:** The operational duration of the battery depends on the usage intensity of the laser level.



**Figure 4.1:** Side view of the Huepar Lithium Battery, displaying caution labels and specifications such as "4.2V 5200mAh" and "Lithium Ion Battery".

## 5. MAINTENANCE AND STORAGE

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Proper maintenance and storage will extend the life of your Huepar Lithium Battery.

- **Cleaning:** Keep the battery contacts clean. Use a dry, clean cloth to wipe off any dust or debris. Do not use liquids or solvents.
- **Storage:**
  - Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
  - For long-term storage, it is recommended to store the battery with a partial charge (around 50%). Avoid storing fully charged or completely depleted batteries for extended periods.
  - If storing for several months, periodically charge the battery to maintain a partial charge.
- **Disposal:** Do not dispose of the battery in household waste. Lithium-ion batteries must be recycled or disposed of according to local regulations. Contact your local waste management authority for information on proper disposal.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your Huepar Lithium Battery.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Battery not charging	Charger not properly connected. Faulty charger or power outlet. Battery not correctly seated in laser level. Battery or laser level malfunction.	Ensure charger is securely connected to both the laser level and a working power outlet. Verify the battery is fully inserted and contacts are clean. Test the charger with another device if possible, or try a different outlet. If the issue persists, contact Huepar customer support.
Battery not holding charge / Short runtime	Battery nearing end of its lifespan. Improper charging habits (e.g., frequent deep discharges). Extreme operating temperatures.	Ensure the battery is fully charged before use. Avoid operating the laser level in extremely hot or cold conditions. If the battery is old, consider replacing it. For persistent issues, contact Huepar customer support.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact Huepar customer support for further assistance.

## 7. SPECIFICATIONS

- **Battery Type:** Lithium Ion
- **Voltage:** 4.2V (as indicated on battery label)
- **Capacity:** 5200mAh (as indicated on battery label)
- **Compatible Models:** Huepar GF360G, Huepar GF360R Laser Levels
- **Package Dimensions:** 5.71 x 3.74 x 1.22 inches
- **Item Weight:** 3.84 ounces
- **Manufacturer:** FLGF (for Huepar)
- **ASIN:** B07HQDKC8M

## 8. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service inquiries for your Huepar Lithium Battery or compatible laser level, please refer to the warranty documentation included with your original product purchase or visit the official Huepar website.

You can also contact Huepar customer service directly for assistance.

### Related Documents - Lithium Battery



Comprehensive user manual for the Huepar GF360G and GF360R 360° Self-leveling Cross Line Laser Level, covering product overview, safety instructions, battery care, operation modes, specifications, and warranty.



User manual for the Huepar 5011G self-leveling cross line laser level. Provides instructions on product overview, safety, operation, charging, and warranty.



This document provides a detailed introduction to the functions and operation of the Huepar Laser Level W04CG, including status indicators, connection features, laser line control, battery status, and important safety notes.



Comprehensive user manual for the Huepar LM50A, LM100A, and LM120A Laser Distance Measure. Learn about product features, safety instructions, operation, and maintenance.



User manual for the Huepar 9011G/9011R and 9211G/9211R Cross Line/Plumb Spot Combo Laser Level, covering safety instructions, product overview, operation modes, specifications, and warranty.



Comprehensive user manual for the Huepar 7211CG/7211CR Cross Line/Plumb Spot Combo Laser Level, covering product overview, safety instructions, operation modes, specifications, and warranty.