

## Heimerdinger YD-CFJ21-10

# Heimerdinger 4000mAh 18V Replacement Battery and Charger User Manual

Model: YD-CFJ21-10

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Heimerdinger 4000mAh 18V Lithium-Ion Replacement Battery and Charger. This high-performance power solution is designed for 18V cordless tools, offering seamless compatibility with models such as BL1840B, BL1850B, and other similar LXT series batteries. The battery is crafted with premium lithium-ion cells for durability and stable power output. The included charger is specifically designed for Heimerdinger batteries.

## 2. SAFETY INFORMATION

**Please read all safety warnings and instructions carefully before using this product.**

- **Charger Compatibility:** The included charger is designed exclusively for Heimerdinger batteries and is **not compatible** with original Makita chargers. Using an incompatible charger may cause damage to the battery or charger, and poses a fire risk.
- **Battery Protection:** The battery features advanced current protection technology to prevent overheating, over-discharge, and short circuits.
- **Certifications:** This product is CE/FCC/RoHS certified, ensuring compliance with safety and environmental standards.
- **Storage:** Store the battery in a cool, dry place away from direct sunlight, heat sources, and moisture.
- **Disposal:** Do not dispose of batteries in fire. Follow local regulations for proper disposal of lithium-ion batteries.
- **Damage:** Do not use the battery or charger if they appear damaged. Contact customer support for assistance.

## 3. PACKAGE CONTENTS

- 1 x Heimerdinger 4000mAh 18V Lithium-Ion Replacement Battery
- 1 x Heimerdinger Battery Charger

## 4. PRODUCT FEATURES

- **High Capacity:** 4000mAh (4.0 Ah) capacity for extended runtime.
- **Voltage:** 18V Lithium-Ion battery.
- **Enhanced Protection:** Each battery cell includes current protection to prevent overheating, explosion, and power instability.
- **Safety Certifications:** CE/FCC/RoHS certified with built-in over-discharge, overload, and short-circuit protection.
- **Wide Compatibility:** Compatible with various 18V LXT Cordless Power Tools, including models like BL1860B, BL1850B, BL1840B, BL1830B.

## 5. SETUP AND CHARGING

Before first use, fully charge the battery.

1. **Connect the Charger:** Plug the Heimerdinger charger into a standard 100-240V AC power outlet.
2. **Connect the Battery:** Insert the battery into the charger. Ensure a secure connection.
3. **Charging Indicator:** The charger will typically have an indicator light to show the charging status (e.g., red for charging, green for fully charged). Refer to the charger's specific instructions if available.
4. **Charging Time:** Charging time may vary based on the battery's remaining charge. Disconnect the battery once fully charged.



Image: The Heimerdinger 18V battery charger with its power cord and barrel connector. Input: 100-240V 50-60Hz, 0.8A.  
Output: 21V, 0.75A.



Image: Close-up of the Heimerdinger charger label showing model HC1610-2100750, input/output specifications, and safety certifications.

## 6. OPERATING INSTRUCTIONS

This battery is designed to power various 18V LXT cordless power tools.

1. **Inserting the Battery:** Align the battery with the battery port on your compatible 18V cordless tool. Slide the battery firmly into place until it clicks, indicating it is securely locked.
2. **Removing the Battery:** Press the battery release button(s) on the tool or battery, then slide the battery out of the tool.
3. **Power Tool Operation:** Refer to your specific power tool's instruction manual for detailed operating procedures.



Image: The Heimerdinger 4000mAh 18V Lithium-Ion replacement battery, showing its black casing with red accents and the 4.0Ah 18V Lithium-Ion branding.



Image: The Heimerdinger 4000mAh 18V battery with indicated dimensions: 11 cm (4.33 inches) length, 7.6 cm (3 inches) width, and 3.5 cm (1.38 inches) height for the top connector part.



Image: Bottom view of the Heimerdinger 4000mAh 18V battery, showing the connection terminals and branding.

Video: A Heimerdinger brushless cordless high-speed blower, powered by an 18V battery, being used to clear snow from a car. This demonstrates the battery's application in compatible cordless tools.

## 7. MAINTENANCE AND STORAGE

- **Cleaning:** Keep the battery and charger terminals clean and free of dust or debris. Use a dry cloth to

wipe surfaces.

- **Storage:** For long-term storage, store the battery in a partially charged state (around 50% charge) in a cool, dry environment. Avoid extreme temperatures.
- **Recharge Cycle:** If storing for extended periods, recharge the battery every 3-6 months to maintain its health.
- **Avoid Deep Discharge:** Do not allow the battery to completely discharge for prolonged periods, as this can reduce its lifespan.

## 8. TROUBLESHOOTING

- **Battery Not Charging:**
  - Ensure the charger is properly plugged into a working power outlet.
  - Verify the battery is securely connected to the charger.
  - Confirm you are using the Heimerdinger charger provided with the battery. This battery is not compatible with original Makita chargers.
  - Check for any visible damage to the battery or charger.
- **Tool Not Powering On:**
  - Ensure the battery is fully charged.
  - Verify the battery is correctly inserted and locked into the tool.
  - Check if the tool itself is functioning correctly with another known-good battery.
- **Reduced Runtime:**
  - Battery capacity naturally degrades over time with use.
  - Ensure the battery is fully charged before use.
  - Operating tools in extreme temperatures can affect performance.

If you continue to experience issues, please contact Heimerdinger customer support.

## 9. SPECIFICATIONS

Feature	Specification
Model Number	YD-CFJ21-10
Battery Type	Lithium Ion
Voltage	18 Volts
Battery Capacity	4000 Milliamp Hours (4.0 Ah)
Charger Input	100-240V 50-60Hz, 0.8A
Charger Output	21V, 0.75A
Battery Weight	0.65 Kilograms (1.32 Pounds)
Reusability	Rechargeable
Certifications	CE/FCC/RoHS

## 10. WARRANTY AND SUPPORT

This product comes with a limited warranty. For specific warranty details and to register your product, please refer to the manufacturer's official website or contact Heimerdinger customer support directly. For further assistance, troubleshooting, or to explore other Heimerdinger products, please visit the official [Heimerdinger Store](#).

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