

## HILTI C 4/36

# Hilti C 4/36 14.4V - 36V Lithium Ion Battery Charger User Manual

Model: C 4/36

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your Hilti C 4/36 Lithium Ion Battery Charger. This charger is specifically designed for use with all 14.4V to 36V Hilti Pack lithium-ion batteries. Please read this manual thoroughly before first use and keep it for future reference.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions to prevent electric shock, fire, or serious injury:

- **Read all instructions:** Before using the charger, read all instructions and cautionary markings on the charger, battery pack, and product using the battery pack.
- **Avoid hazardous environments:** Do not charge battery packs in damp or wet locations. Do not expose the charger to rain or snow.
- **Use only specified batteries:** Charge only Hilti 14.4V - 36V lithium-ion battery packs. Other types of batteries may burst, causing personal injury and damage.
- **Ventilation:** Ensure adequate ventilation during charging. Do not block ventilation openings.
- **Power supply:** Connect the charger to a power supply as indicated in the specifications.
- **Damaged cord/plug:** Do not operate the charger with a damaged cord or plug. Replace immediately.
- **Damaged charger:** Do not operate the charger if it has received a sharp blow, been dropped, or damaged in any way. Take it to a qualified service person.
- **Do not disassemble:** Do not disassemble the charger. Take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- **Unplug when not in use:** Unplug the charger from the outlet when not in use.
- **Do not short-circuit:** Never short-circuit the battery terminals.
- **Keep children away:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## 3. PRODUCT OVERVIEW

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The Hilti C 4/36 charger is designed for efficient and safe charging of your Hilti lithium-ion battery packs. It features a robust design and clear indicators for charging status.



**Figure 1:** Hilti C 4/36 Battery Charger. This image shows the compact red and black charger unit with its power cord.

### Key Features:

- **Wide Voltage Compatibility:** Charges Hilti 14.4V to 36V lithium-ion battery packs.
- **Charging Status Indicators:** LED lights clearly show charging progress.
- **Durable Construction:** Built to withstand demanding job site conditions.
- **Integrated Hang Holes:** Allows for convenient wall mounting or storage.
- **Cooling System:** Designed with ventilation to help maintain optimal charging temperatures.

## 4. SETUP

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1. **Unpack the Charger:** Carefully remove the Hilti C 4/36 charger from its packaging.
2. **Choose a Location:** Select a dry, well-ventilated area for charging. Ensure the charger is placed on a stable surface or mounted securely using the integrated hang holes.
3. **Connect to Power:** Plug the charger's power cord into a standard electrical outlet (100-240V AC, 50/60Hz). The charger is now ready for use.

## 5. OPERATING INSTRUCTIONS

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### Charging a Battery Pack:

1. **Insert Battery:** Slide the Hilti lithium-ion battery pack firmly into the charger until it clicks into place.
2. **Monitor Charging Indicator:**
  - A **red light** indicates that the battery is currently charging.
  - A **green light** indicates that the battery is fully charged and ready for use.
3. **Remove Battery:** Once the green light appears, the battery is fully charged. Press the release button on the battery pack (if applicable) and slide it out of the charger.
4. **Unplug Charger:** For optimal energy saving and safety, unplug the charger from the power outlet when not in use.

Note: The charging time may vary depending on the battery's capacity and its current charge level.

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your charger.

- **Cleaning:** Disconnect the charger from the power supply before cleaning. Use a dry cloth to wipe the exterior of the charger. Do not use water or chemical cleaners.
- **Storage:** Store the charger in a dry, indoor location away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect the power cord and charger housing for any signs of damage. If damage is found, discontinue use and contact Hilti service.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Charger not working / No indicator light	No power to the outlet. Charger or power cord is damaged.	Check the power outlet with another appliance. Inspect the power cord and charger for damage. If damaged, do not use and contact Hilti service.
Battery not charging (red light not on)	Battery not properly inserted. Battery pack is defective. Charger is too hot or too cold.	Remove and re-insert the battery pack firmly. Try charging a different, known-good Hilti battery. Move the charger to a room temperature environment (5°C to 40°C / 41°F to 104°F).
Charging takes too long	Battery is deeply discharged. Ambient temperature is too low.	This is normal for deeply discharged batteries. Ensure charging is done within recommended temperature range.

## 8. SPECIFICATIONS

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- **Model:** C 4/36
- **Product Dimensions:** 3.6 x 6.6 x 6.5 inches (9.14 cm x 16.76 cm x 16.51 cm)
- **Item Weight:** 1.34 pounds (0.61 kg)
- **Input Voltage:** 100-240V AC, 50/60Hz (Standard for most regions)
- **Output Voltage:** 36 Volts
- **Compatible Battery Types:** Hilti 14.4V - 36V Lithium-Ion Battery Packs
- **Manufacturer:** Hilti
- **Safety Certifications:** UL, CE, FCC
- **Date First Available:** January 29, 2011

## 9. WARRANTY AND SUPPORT

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For warranty information, service, or technical support, please refer to the official Hilti website or contact Hilti customer service directly. Keep your purchase receipt as proof of purchase.

