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› RYOBI P137 ONE+ Lithium-Ion Dual Platform Charger User Manual

## RYOBI P137

# RYOBI P137 ONE+ Lithium-Ion Dual Platform Charger User Manual

Model: P137

## INTRODUCTION

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This manual provides essential instructions for the safe operation, setup, and maintenance of your RYOBI P137 ONE+ Lithium-Ion Dual Platform Charger. This charger is designed to simultaneously charge and maintain both RYOBI 18-Volt ONE+ and 40-Volt Lithium-Ion batteries. Please read this manual thoroughly before using the charger to ensure proper function and safety.

## SAFETY INFORMATION

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**WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.**

- Always use the charger with the specified voltage (120 Volts AC).
- Do not charge batteries in damp or wet locations. Do not expose the charger to rain or snow.
- Use only RYOBI 18-Volt ONE+ and 40-Volt Lithium-Ion batteries with this charger. Attempting to charge other types of batteries may cause personal injury and damage.
- Do not operate the charger if it has received a sharp blow, been dropped, or otherwise damaged.
- Keep the charger's ventilation openings clear to prevent overheating.
- Unplug the charger from the power outlet when not in use or before cleaning.
- Do not probe the charger with conductive materials.

## PRODUCT OVERVIEW

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The RYOBI P137 Dual Platform Charger features two distinct charging ports for different battery voltages and indicator lights to communicate charging status.



Figure 1: Front view of the RYOBI P137 Dual Platform Charger. This image shows the overall design of the charger, highlighting both the 18V ONE+ and 40V battery ports, along with the status indicator lights for each platform.



Figure 2: Top view of the RYOBI P137 Dual Platform Charger. This image provides a clear view of the indicator light panel for both the 18V ONE+ and 40V charging slots, detailing the symbols for power, testing, error, charging, and ready status.

## Indicator Lights

The charger is equipped with LED indicator lights for each battery platform (18V ONE+ and 40V) to display the charging

status:

- **Power On / Connected:** Green light (solid) indicates the charger is plugged in and ready.
- **Testing:** Green light (flashing slowly) indicates the battery is being tested before charging.
- **Charging:** Green light (flashing quickly) indicates the battery is actively charging.
- **Ready to Use / Fully Charged:** Green light (solid) indicates the battery is fully charged.
- **Error / Defective Battery:** Red light (solid) indicates a problem with the battery or charger. Remove the battery and consult troubleshooting.
- **Temperature Delay:** Red light (flashing) indicates the battery is too hot or too cold to charge. Charging will begin automatically once the battery reaches an acceptable temperature range.

## SETUP

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1. **Unpack the Charger:** Carefully remove the charger from its packaging. Inspect for any damage.
2. **Choose a Location:** Place the charger on a flat, stable surface in a well-ventilated area, away from direct sunlight, heat sources, and moisture. Ensure the power cord can reach a standard 120V AC outlet.
3. **Connect to Power:** Plug the charger's power cord into a functional 120V AC electrical outlet. The "Power On" indicator light for both platforms should illuminate green, indicating the charger is ready.



Figure 3: The RYOBI P137 charger mounted on a wall, demonstrating a possible setup configuration. This image shows the charger with both an 18V ONE+ battery and a 40V battery inserted, indicating its ability to be wall-mounted for convenient storage and charging.

## OPERATING INSTRUCTIONS

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The RYOBI P137 charger can charge one 18V ONE+ battery and one 40V battery simultaneously.

## Charging an 18V ONE+ Battery

1. Ensure the charger is plugged into a power outlet.
2. Align the ribs on the battery with the grooves in the 18V ONE+ charging port.
3. Slide the battery onto the charger until it clicks into place.
4. Observe the 18V indicator lights:
  - A slow flashing green light indicates the battery is being tested.
  - A fast flashing green light indicates the battery is charging.
  - A solid green light indicates the battery is fully charged.
5. Once fully charged, remove the battery by pressing the release latch and sliding it off the charger.



Figure 4: Close-up view of the 18V ONE+ charging slot on the RYOBI P137 charger. This image focuses on the smaller charging port, designed for 18V ONE+ batteries, and shows the associated indicator lights.

## Charging a 40V Battery

1. Ensure the charger is plugged into a power outlet.
2. Align the ribs on the battery with the grooves in the 40V charging port.
3. Slide the battery onto the charger until it clicks into place.
4. Observe the 40V indicator lights:
  - A slow flashing green light indicates the battery is being tested.
  - A fast flashing green light indicates the battery is charging.
  - A solid green light indicates the battery is fully charged.
5. Once fully charged, remove the battery by pressing the release latch and sliding it off the charger.



Figure 5: Close-up view of the 40V charging slot on the RYOBI P137 charger. This image highlights the larger charging port, specifically designed for 40V batteries, and its corresponding indicator lights.



Figure 6: The RYOBI P137 Dual Platform Charger with both an 18V ONE+ battery and a 40V battery inserted. This image demonstrates the charger’s capability to accommodate and charge both battery types simultaneously.

## MAINTENANCE

- **Cleaning:** Disconnect the charger from the power supply before cleaning. Use a clean, dry cloth to wipe dust and debris from the charger's exterior and ventilation openings. Do not use water or harsh chemicals.
- **Storage:** Store the charger in a cool, dry place when not in use. Avoid storing it in areas with extreme temperatures or high humidity.
- **Cord Care:** Regularly inspect the power cord for any signs of damage. Do not use the charger if the cord is damaged.

## TROUBLESHOOTING

| Problem              | Indicator Light                | Possible Cause                                                                         | Solution                                                                                                                                                           |
|----------------------|--------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery not charging | No lights or Red light (solid) | Charger not plugged in; faulty outlet; battery not properly seated; defective battery. | Ensure charger is plugged in and outlet is functional. Re-seat battery. Try another battery. If red light persists, battery may be defective.                      |
| Charging delayed     | Red light (flashing)           | Battery temperature is too high or too low.                                            | Move battery and charger to a moderate temperature environment (e.g., 68°F - 75°F or 20°C - 24°C). Charging will resume automatically when temperature is optimal. |

| Problem                 | Indicator Light | Possible Cause                            | Solution                                                                                                          |
|-------------------------|-----------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Charger not powering on | No lights       | No power to charger; charger malfunction. | Check power outlet and cord connection. Try a different outlet. If problem persists, charger may require service. |

## SPECIFICATIONS

- **Model:** P137
- **Input Voltage:** 120 Volts AC
- **Output Voltage:** 18 Volts DC (for ONE+), 40 Volts DC (for 40V)
- **Compatible Batteries:** RYOBI 18V ONE+ Lithium-Ion, RYOBI 40V Lithium-Ion
- **Item Weight:** 2.45 pounds (approximately 1.11 kg)
- **Package Dimensions:** 11.93 x 8.86 x 2.91 inches (approximately 30.3 x 22.5 x 7.4 cm)
- **Manufacturer:** RYOBI Tools

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your original purchase or visit the official RYOBI website. Contact RYOBI customer service for assistance with product issues or service inquiries. For additional resources, you may visit the [RYOBI Tools official website](#).

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

## Details

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