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**RYOBI PBP006**

# RYOBI ONE+ 18V 2.0 Ah Lithium-Ion Battery (PBP006)

USER MANUAL

## Introduction

This manual provides essential instructions for the safe and effective use, maintenance, and troubleshooting of your RYOBI ONE+ 18V 2.0 Ah Lithium-Ion Battery (PBP006). Please read this manual thoroughly before using the battery to ensure optimal performance and safety.

### General Safety Information

- Always use the battery with compatible RYOBI ONE+ 18V tools and chargers.
- Do not expose the battery to water, rain, or extreme temperatures.
- Avoid dropping the battery or subjecting it to severe impacts.
- Do not attempt to disassemble, modify, or repair the battery.
- Store the battery in a cool, dry place away from direct sunlight and heat sources.
- Keep the battery away from children and pets.
- Dispose of batteries responsibly according to local regulations.

## Setup

### Initial Charging

Before first use, fully charge the battery. Use only RYOBI ONE+ 18V compatible chargers. Refer to your charger's instruction manual for specific charging procedures.




**Image 1:** The RYOBI ONE+ 18V 2.0 Ah Lithium-Ion Battery (PBP006). This image shows the top-down view of the battery, highlighting its compact design and the RYOBI ONE+ branding.

## Inserting and Removing the Battery

1. **To Insert:** Align the battery with the battery port on your RYOBI ONE+ 18V tool or charger. Slide the battery firmly into place until it clicks, indicating it is securely latched.
2. **To Remove:** Press and hold the release latches on the sides of the battery. While holding the latches, slide the battery out of the tool or charger.




**Image 2:** Side view of the RYOBI ONE+ 18V 2.0 Ah Lithium-Ion Battery. This view illustrates the battery's profile, including the 18V Lithium and 2Ah markings, and the quick-release latches.

## Operation

### LED Fuel Gauge

The battery is equipped with a high-visibility LED fuel gauge. Press the button on the battery to illuminate the LEDs, which indicate the remaining charge level. More illuminated LEDs signify a higher charge.

### General Usage

- Ensure the battery is fully charged before starting tasks that require extended runtime.
- For optimal performance, allow the battery to cool down after heavy use before recharging.
- The battery provides fade-free power, meaning it maintains consistent power output throughout its charge cycle.

## Maintenance

### Cleaning

Keep the battery terminals clean and free of debris. Use a clean, dry cloth to wipe the battery. Do not use solvents or harsh chemicals.

### Storage

- Store the battery in a location where the temperature is between 50°F (10°C) and 80°F (27°C).
- For long-term storage, it is recommended to store the battery with a partial charge (approximately 50%).
- Avoid storing the battery in direct sunlight or in areas with high humidity.

### Charging Practices

- Do not overcharge or deep discharge the battery.
- Remove the battery from the charger once it is fully charged.
- If the battery becomes excessively hot during charging, discontinue charging and allow it to cool before resuming.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Battery not charging. | Charger not plugged in.<br>Battery not properly seated in charger.<br>Faulty charger or battery.<br>Extreme temperature. | Ensure charger is plugged into a working outlet.<br>Re-seat the battery firmly into the charger.<br>Test with a different charger or battery if available.<br>Charge in a moderate temperature environment. |
| Battery not powering tool. | Battery is discharged.<br>Battery not properly inserted into tool.<br>Faulty battery or tool. | Check fuel gauge and charge battery if needed.<br>Re-seat the battery firmly into the tool.<br>Test with a different battery or tool if available. |
| Reduced runtime. | Battery nearing end of life.<br>Operating in extreme temperatures.<br>Heavy load on tool. | Consider replacing the battery.<br>Operate in recommended temperature ranges.<br>Ensure the tool is appropriate for the task. |

## Specifications

| Feature | Detail |
|---|---|
| Model Number | PBP006 |
| Voltage | 18V |
| Battery Capacity | 2.0 Ah (Amp Hours) |
| Battery Cell Composition | Lithium Ion |
| Product Dimensions | 7.2 x 5.83 x 5.51 inches |
| Item Weight | 1.92 pounds |
| Manufacturer | RYOBI Tools |
| Compatibility | RYOBI ONE+ 18V System |

## Warranty and Support

### Manufacturer's Warranty

The RYOBI ONE+ 18V 2.0 Ah Lithium-Ion Battery (PBP006) is backed by a RYOBI 3-Year Manufacturer's Warranty. Please retain your proof of purchase for warranty claims. For full warranty details, refer to the official RYOBI warranty documentation or visit the RYOBI website.

## Customer Support

For technical assistance, warranty inquiries, or to purchase replacement parts, please contact RYOBI customer support. Contact information can typically be found on the official RYOBI website or on the product packaging.

## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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**Question**

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

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

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