

## RYOBI PBP2005

# RYOBI PBP2005 ONE+ 18V Lithium-Ion 4.0 Ah Battery Pack User Manual

Model: PBP2005

## 1. PRODUCT OVERVIEW

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The RYOBI PBP2005 ONE+ 18V Lithium-Ion 4.0 Ah Battery Pack is designed to provide extended runtime and reliable power for over 225 RYOBI 18V ONE+ tools. Featuring professional-grade lithium-ion cells, this battery delivers fade-free, cord-like power and is engineered for impact resistance and performance in extreme weather conditions.

### Key Features:

- Up to 3X more runtime compared to standard 1.5 Ah lithium-ion batteries.
- Integrated LED fuel gauge to monitor remaining charge.
- Impact-resistant construction for durability.
- Part of the RYOBI 18V ONE+ System, ensuring broad compatibility.



Figure 1: RYOBI PBP2005 ONE+ 18V Lithium-Ion 4.0 Ah Battery Pack. This image shows the top-down view of the battery pack, highlighting the RYOBI branding and 18V Lithium 4Ah labels.

## 2. SETUP AND INITIAL USE

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### 2.1 Charging the Battery

Before first use, fully charge the battery pack. Use any compatible RYOBI 18V ONE+ charger (charger sold separately). The integrated LED fuel gauge will indicate the charge status.



Figure 2: RYOBI PBP2005 Battery with LED Fuel Gauge. The image displays the battery pack with its LED indicators illuminated, showing the current charge level.

## 2.2 Attaching/Detaching to Tools

The PBP2005 battery pack is designed for quick and easy attachment and detachment from all RYOBI 18V ONE+ tools. Ensure the battery is fully seated and latched into the tool for proper operation.



Figure 3: RYOBI ONE+ System Compatibility. This graphic illustrates various RYOBI ONE+ tools, emphasizing the battery's compatibility across the entire 18V platform.

## 3. OPERATING INSTRUCTIONS

## 3.1 Checking Battery Charge

Press the button on the front of the battery pack to activate the LED fuel gauge. The illuminated LEDs indicate the remaining charge level. Four lights mean full charge, while one light indicates a low charge and that recharging is recommended.

## 3.2 General Use

Insert the charged battery into your RYOBI 18V ONE+ tool until it clicks securely into place. Operate the tool according to its specific instruction manual. When the battery charge is low, the tool's performance may decrease, and the LED fuel gauge will show fewer lights.

Video 1: Demonstrating the RYOBI PBP2005 Battery. This video shows the battery's features, including the LED fuel gauge and its compatibility with various RYOBI ONE+ tools.

# 4. MAINTENANCE

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## 4.1 Charging

Always charge the battery in a well-ventilated area. Do not charge in damp or wet conditions. Refer to your RYOBI charger's manual for specific charging times and indicators. Avoid overcharging or completely draining the battery to prolong its lifespan.

## 4.2 Storage

Store battery packs in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, ensure the battery is partially charged (around 50%) to maintain optimal health. Do not store battery packs near flammable materials or in areas where they may be exposed to moisture.

## 4.3 Cleaning

Keep the battery terminals clean and free of debris. Use a clean, dry cloth to wipe down the battery pack. Do not use solvents or harsh chemicals, as these can damage the plastic components or electrical contacts.

# 5. TROUBLESHOOTING

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If you experience issues with your RYOBI PBP2005 battery pack, consider the following:

- **Battery not charging:** Ensure the charger is properly plugged into a working outlet and the battery is correctly seated in the charger. Check for any error indicators on the charger.
- **Tool not powering on:** Verify the battery is fully charged and securely attached to the tool. If the tool still doesn't work, try a different charged battery or consult the tool's manual.
- **Reduced runtime:** Battery runtime can decrease over time with normal wear and tear. Ensure the battery is fully charged before each use. Extreme temperatures can also affect performance.

For further assistance, refer to the RYOBI customer support resources.

Video 2: Review of the RYOBI 18V Lithium-Ion 4.0Ah Battery. This video provides an in-depth look at the battery's features and performance, which can be helpful for understanding its operation and potential issues.

# 6. SPECIFICATIONS

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Feature	Specification
Product Dimensions	7.36 x 6.22 x 5.12 inches
Item Weight	3.15 pounds
Batteries Required	2 Lithium Ion batteries required (included in 2-pack)
Manufacturer	RYOBI
Brand	RYOBI
Battery Cell Composition	Lithium Ion
Battery Capacity	4 Amp Hours (4.0 Ah)
Recommended Uses	Power Tool

## 7. WARRANTY AND SUPPORT

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The RYOBI PBP2005 ONE+ 18V Lithium-Ion 4.0 Ah Battery Pack is backed by a **RYOBI 3-Year Manufacturer's Warranty**. For warranty claims, technical support, or additional product information, please contact RYOBI customer service or visit their official website. Always refer to the official operator's manual included with your product for the most accurate and up-to-date information.