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> Ryobi PBP005 ONE+ 18V Lithium-Ion 4.0 Ah Battery User Manual

RYOBI #PBP005

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

Model: PBP005



Figure 0: The RYOBI PBP005 ONE+ 18V Lithium-Ion 4.0 Ah Battery.

INTRODUCTION

The RYOBI PBP005 ONE+ 18V Lithium-Ion 4.0 Ah Battery is designed to provide extended runtime for your RYOBI 18V ONE+ tools. This battery features an improved design for lighter weight and reduced user fatigue, along with a high-visibility LED fuel gauge to clearly indicate remaining runtime. It delivers fade-free power, optimizing the entire charge in various weather conditions. The robust construction and anti-vibration technology enhance durability and user experience. It is easily installed and removed with secure quick-release latches, and is compatible with over 260 RYOBI 18V ONE+ System cordless tools.

Key Features:

- Up to 3X More Runtime compared to previous models.
- High Visibility LED fuel gauge for clear runtime indication.
- Compact and Lightweight Design for reduced user fatigue.
- Fade-free power for consistent performance.
- Robust design with anti-vibration technology for increased durability.
- Secure quick-release latches for easy installation and removal.
- Compatible with all RYOBI 18V ONE+ tools.

SETUP

Initial Charging:

Before first use, fully charge the RYOBI PBP005 18V ONE+ 4.0 Ah Lithium-Ion Battery. A compatible RYOBI 18V ONE+ charger (sold separately) is required for this process. Refer to your charger's instruction manual for specific charging procedures and indicators.

COMES IN BULK PACKAGING, NO RETAIL PACKAGING

Figure 1: The RYOBI PBP005 battery. Please note that the charger is sold separately and is not included with the battery.

Battery Installation:

1. Ensure the battery and the tool are clean and free of debris.
2. Align the battery with the battery port on your RYOBI 18V ONE+ tool.
3. Slide the battery firmly into the tool until it clicks securely into place. The quick-release latches should engage, indicating proper installation.
4. To remove, press the quick-release latches on the sides of the battery and slide it out of the tool.



Figure 2: The RYOBI PBP005 battery securely installed into a compatible RYOBI 18V ONE+ power tool.

OPERATING INSTRUCTIONS

Checking Battery Charge:

The PBP005 battery is equipped with a high-visibility LED fuel gauge. To check the remaining charge, press the button located next to the LED indicators. The number of illuminated LEDs will indicate the approximate charge level:

- **4 LEDs:** Full charge
- **3 LEDs:** Approximately 75% charge
- **2 LEDs:** Approximately 50% charge
- **1 LED:** Low charge, recharge soon
- **No LEDs:** Battery is depleted, recharge immediately

CHARGER SOLD SEPARATELY

Figure 3: The LED fuel gauge on the side of the RYOBI PBP005 battery, used to check the remaining charge.

Using the Battery with Tools:

Once installed, the battery powers your RYOBI 18V ONE+ tool. The lithium-ion technology provides fade-free power, ensuring consistent performance throughout the battery's discharge cycle. For optimal performance, ensure the battery is fully charged before beginning tasks that require significant power or extended runtime.

MAINTENANCE

Battery Care and Storage:

- Always store batteries in a cool, dry place, away from direct sunlight and excessive heat or cold.
- Do not store batteries in a discharged state for extended periods. Recharge them periodically, especially if storing for several months.
- Clean battery terminals with a dry cloth if necessary to ensure good electrical connection.
- Avoid dropping the battery or subjecting it to severe impacts, as this can damage internal components.
- Do not immerse the battery in water or any other liquids.
- For long-term storage, it is recommended to store the battery with a partial charge (e.g., 50%) rather than fully charged or fully discharged.

Disposal:

Lithium-ion batteries should not be disposed of with household waste. Always follow local regulations for proper disposal or recycling of batteries. Many retailers and recycling centers offer battery collection programs.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging.	Charger not plugged in; faulty charger; battery too hot/cold; damaged battery.	Ensure charger is properly connected. Try a different outlet. Allow battery to reach room temperature. Inspect battery and charger for damage. If damaged, replace.

Problem	Possible Cause	Solution
Battery not powering tool.	Battery not fully inserted; battery depleted; tool malfunction; battery damaged.	Ensure battery is fully clicked into place. Check battery charge level and recharge if necessary. Test battery with another compatible tool. If issue persists, battery may be faulty.
Reduced runtime.	Battery aging; extreme operating temperatures; heavy tool usage.	Battery capacity naturally decreases over time. Avoid using in extreme temperatures. For demanding tasks, consider having a spare charged battery.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact RYOBI customer support.

SPECIFICATIONS

Attribute	Detail
Model Number	PBP005
Voltage	18 Volts
Battery Capacity	4.0 Amp Hours (Ah)
Battery Cell Type	Lithium-Ion
Item Weight	1.59 pounds
Product Dimensions	5.83 x 6.46 x 3.15 inches
Special Features	Lightweight, High Visibility LED Fuel Gauge
Recommended Use	For use with Ryobi 18V power tools

WARRANTY AND SUPPORT

Manufacturer's Warranty:

The RYOBI PBP005 18V ONE+ 4.0 Ah Lithium-Ion Battery is backed by a **3-Year Manufacturer's Warranty**. Please retain your proof of purchase for warranty claims. For full details on warranty coverage, terms, and conditions, refer to the official RYOBI warranty documentation or visit their official website.

Customer Support:

For technical assistance, product inquiries, or warranty service, please contact RYOBI customer support through their official channels. You can typically find contact information on the RYOBI website or within the packaging of your product.

Official Website: www.ryobitools.com

Support Contact: Refer to the website for phone numbers or online contact forms.

