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RYOBI P192

RYOBI P192 18V ONE+ 4.0 Ah LITHIUM+ HP Battery User Manual

MODEL: P192 | BRAND: RYOBI

1. Introduction and Overview

The RYOBI P192 18-Volt ONE+ Lithium-Ion 4.0 Ah LITHIUM+ HP High Capacity Battery is designed to enhance the performance of your 18-Volt ONE+ tools. Featuring advanced electronics, this battery maximizes tool efficiency and provides extended runtime for demanding applications. Its HP technology enables seamless communication with brushless tools, facilitating faster cuts, driving larger screws, and utilizing bigger drill bits. The battery is constructed with a durable frame for impact protection and includes a built-in 4-bar illuminated charge indicator for convenient monitoring of battery status. This P192 battery is compatible with over 125+ tools within the RYOBI 18-Volt ONE+ lineup.

2. Product Features

- **High Capacity:** 4.0 Amp-hour (Ah) for extended runtime.
- **LITHIUM+ HP Technology:** Optimizes performance with brushless tools for increased power and efficiency.
- **Durable Construction:** Features a robust frame designed for impact protection.
- **Built-in Charge Indicator:** A 4-bar illuminated LED display shows the remaining charge level.
- **Cold Weather Performance:** Engineered to stand up to frigid weather conditions.
- **Low Self-Discharge:** Lithium-ion chemical composition resists drainage when idle.
- **Easy Installation:** Easily snaps into place and detaches with a quick-release button.
- **Lightweight Design:** Contributes to less user fatigue during prolonged use.

3. Setup and Charging

3.1 Battery Installation and Removal

To install the battery, align the battery pack with the tool's battery port and slide it in until it clicks securely into place. To remove, press the quick-release button located on the battery and slide the battery out of the

tool.

3.2 Charging the Battery

Use only RYOBI ONE+ compatible chargers to charge this battery. Insert the battery into the charger, ensuring it is properly seated. The charger's indicator lights will show the charging status. Refer to your charger's instruction manual for specific charging times and indicator light patterns.



Figure 1: Front view of the RYOBI P192 18V ONE+ 4.0 Ah LITHIUM+ HP Battery.

4. Operation

4.1 Compatibility

The P192 battery is part of the RYOBI 18V ONE+ system and is compatible with all RYOBI 18V ONE+ tools. For optimal performance, especially with brushless tools, this HP battery is recommended.

4.2 Battery Life Indicator

The battery features a 4-bar illuminated charge indicator. Press the button next to the indicator lights to view the current charge level. Four lights indicate a full charge, while fewer lights indicate a diminishing charge, prompting you to recharge the battery.



Figure 2: Angled view showing the 4-bar illuminated charge indicator on the RYOBI P192 battery.

4.3 Performance with Tools

This 4.0 Ah LITHIUM+ HP battery provides superior runtime and power, making it suitable for a wide range of applications. When paired with HP brushless tools, it delivers enhanced performance, allowing for more demanding tasks and longer operation times compared to standard batteries.

5. Maintenance and Storage

5.1 General Care

Keep the battery clean and free from debris. Wipe with a dry cloth. Do not immerse the battery in water or any other liquids. Avoid exposing the battery to extreme temperatures or direct sunlight for prolonged periods.

5.2 Storage

For long-term storage, ensure the battery is partially charged (around 50%) and stored in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing the battery in a completely discharged

state, as this can lead to irreversible damage.

6. Troubleshooting

6.1 Battery Not Charging

- Ensure the battery is properly seated in the charger.
- Verify the charger is plugged into a working power outlet.
- Check for any visible damage to the battery or charger. If damaged, do not use.
- Allow the battery to cool down if it is hot from recent use, as some chargers will not charge a hot battery.

6.2 Reduced Runtime

- Ensure the battery is fully charged before use.
- Check the age of the battery; over time, all batteries experience a reduction in capacity.
- Verify the tool being used is compatible and not drawing excessive power due to a malfunction.

7. Specifications

Brand	RYOBI
Model Number	P192
Voltage	18V
Battery Capacity	4.0 Amp Hours (Ah)
Battery Cell Composition	Lithium Ion
Item Weight	1.81 pounds
Package Dimensions	5.47 x 5.47 x 5.28 inches
Recommended Uses	Power Tools (RYOBI 18V ONE+ system)

8. Safety Information

Always read and understand all safety warnings and instructions provided with your battery, charger, and power tools. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Do not disassemble, open, or shred battery packs.
- Do not short-circuit a battery pack.
- Do not expose battery packs to heat or fire. Avoid storage in direct sunlight.
- Do not subject battery packs to mechanical shock.
- In case of battery leakage, avoid contact with skin and eyes. If contact occurs, wash the affected area with copious amounts of water and seek medical advice.
- Keep battery packs out of the reach of children.
- Only use the battery pack in applications for which it was intended.
- Retain original product literature for future reference.

9. Product Videos

The Perfect Size Ryobi Battery!

Your browser does not support the video tag.

This video provides an overview of the RYOBI P192 4.0 Ah battery, highlighting its size and capacity benefits for various tools.

This Battery Is Amazing - Honest Review

Your browser does not support the video tag.

A detailed review of the RYOBI P192 battery, discussing its performance and reliability in real-world applications.

6 month review of Ryobi 18 Volt 4 Ah ONE+ Lithium-Ion+ HP

Your browser does not support the video tag.

A long-term review after six months of use, providing insights into the durability and consistent performance of the RYOBI P192 battery.

10. Warranty and Support

For warranty information, please refer to the documentation included with your purchase or visit the official RYOBI website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact RYOBI customer service through their official channels.