

## RYOBI P100

# Ryobi P100 ONE+ 18V 1.5m-Ah NiCd Battery User Manual

Model: P100 | Brand: RYOBI

## INTRODUCTION

This manual provides essential information for the safe and effective use of your Ryobi P100 ONE+ 18V 1.5m-Ah NiCd Battery. Please read these instructions carefully before using the battery and retain them for future reference. This battery is designed for use with compatible Ryobi ONE+ 18V tools.

## IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions when handling and using batteries:

- **Read all instructions:** Before using the battery, charger, or product using the battery, read all instructions and cautionary markings.
- **Do not immerse:** Do not immerse the battery in water or other liquids.
- **Avoid short circuits:** Do not short-circuit the battery terminals.
- **Proper charging:** Only charge the battery with a charger specified by the manufacturer. Using an unsuitable charger may create a risk of fire.
- **Storage:** Store batteries in a cool, dry place away from direct sunlight and excessive heat.
- **Disposal:** Dispose of batteries responsibly according to local regulations. Do not incinerate.
- **Damage:** Do not use a damaged or modified battery. Damaged batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.

## SETUP

Before first use, the battery must be fully charged.

1. **Inspect the battery:** Ensure the battery is free from visible damage.
2. **Connect to charger:** Insert the Ryobi P100 battery into a compatible Ryobi ONE+ 18V battery charger. Ensure it clicks securely into place.
3. **Charge fully:** Plug the charger into a standard power outlet. Allow the battery to charge until the charger's indicator light signals a full charge. Refer to your charger's manual for specific indicator

details.

4. **Remove from charger:** Once fully charged, disconnect the charger from the power outlet and remove the battery from the charger.



*Image: Ryobi P100 ONE+ 18V 1.5-Ah NiCd Battery. This image shows the yellow and black battery unit, ready for insertion into a tool or charger.*

## OPERATING INSTRUCTIONS

To use the Ryobi P100 battery with your compatible Ryobi ONE+ 18V tool:

1. **Insert battery:** Align the battery with the battery port on your Ryobi ONE+ 18V tool. Slide the battery into the tool until it clicks firmly into place.
2. **Verify connection:** Gently pull on the battery to ensure it is securely attached and will not accidentally detach during operation.
3. **Operate tool:** Refer to your specific tool's instruction manual for operating procedures.
4. **Remove battery:** To remove the battery, press the release latches (if present on your tool/battery) and slide the battery out of the tool.

**Note:** The performance of NiCd batteries can be affected by temperature. For optimal performance, use and charge the battery within recommended temperature ranges (typically 40°F to 104°F or 4°C to 40°C).

## MAINTENANCE

Proper maintenance ensures longevity and optimal performance of your battery:

- **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:** For long-term storage, store the battery in a cool, dry place, away from moisture and direct sunlight. It is recommended to store NiCd batteries fully discharged to prevent memory effect, though some modern NiCd batteries are less susceptible.
- **Charging cycles:** NiCd batteries benefit from full discharge and recharge cycles to maintain capacity and prevent "memory effect."
- **Avoid extreme temperatures:** Do not store or charge the battery in extreme hot or cold conditions, as this can reduce battery life and performance.

## TROUBLESHOOTING

If you encounter issues with your Ryobi P100 battery, consider the following:

Problem	Possible Cause	Solution
Battery not charging	Battery not properly seated in charger. Charger not plugged in or faulty. Battery or charger is too hot/cold. Battery is faulty.	Re-seat battery firmly in charger. Check power connection and try another outlet. Move battery and charger to a room temperature environment. Contact Ryobi support if issues persist.
Reduced run time	Battery not fully charged. Battery is old or has developed "memory effect." Operating in extreme temperatures.	Ensure full charge before use. Perform several full discharge/recharge cycles. Use battery within recommended temperature range. Consider battery replacement if significantly degraded.
Battery not fitting tool	Incorrect tool model. Debris in battery port.	Ensure tool is compatible with Ryobi ONE+ 18V batteries. Clean battery port and battery terminals.

## SPECIFICATIONS

- **Model:** P100
- **Part Number:** 130224028
- **Battery Type:** Nickel-Cadmium (NiCd)
- **Voltage:** 18 Volts
- **Capacity:** 1.5 Amp Hours (1.5m-Ah)
- **Weight:** Approximately 1.8 pounds
- **Dimensions:** Approximately 5 x 5 x 5 inches
- **Compatibility:** Compatible with all past and current Ryobi ONE+ 18V products.

## WARRANTY INFORMATION

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For detailed warranty information regarding your Ryobi P100 ONE+ 18V 1.5m-Ah NiCd Battery, please refer to the official warranty documentation provided by RYOBI at the time of purchase or visit the official RYOBI website. Warranty terms and conditions may vary by region and product.

## CUSTOMER SUPPORT

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If you require further assistance, have questions about your battery, or need to report a problem, please contact RYOBI customer support. Contact information can typically be found on the RYOBI official website or within the product packaging.

**Website:** [www.ryobitools.com](http://www.ryobitools.com) (Example link, verify official site)