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## STANLEY SB202-BR

# STANLEY 2.0Ah 20V System SB202-BR Battery Instruction Manual

Model: SB202-BR

## INTRODUCTION

This manual provides essential information for the safe and effective use of your STANLEY 2.0Ah 20V System SB202-BR Lithium-Ion Battery. Please read these instructions carefully before first use and keep them for future reference. This battery is designed to power STANLEY V20 System cordless tools, offering reliable performance for various projects.



**Image:** Overview of the STANLEY 2.0Ah 20V System SB202-BR battery, highlighting its durable rail for secure fit, high-capacity improved battery technology, longer useful life, minimal automatic discharge, and no memory effect.

## IMPORTANT SAFETY INFORMATION

Always observe basic safety precautions when using battery-powered tools to reduce the risk of fire, electric shock, and personal injury. Failure to follow these warnings may result in serious injury or property damage.

- **Read all instructions:** Before using the battery, read all instructions and cautionary markings on the battery, battery charger, and product using the battery.
- **Do not immerse:** Do not immerse the battery in water or other liquids.
- **Proper storage:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Use approved chargers:** Only use chargers specified by STANLEY for this battery model. Using an unapproved charger may create a risk of fire.
- **Avoid short circuits:** Do not short-circuit the battery terminals.
- **Do not incinerate:** Do not dispose of the battery in a fire. It may explode.
- **Handle with care:** Do not drop, crush, or damage the battery. Do not use a battery that has been dropped or received a sharp blow.

- **Recycle responsibly:** Dispose of used batteries according to local regulations.

## SETUP AND INITIAL CHARGE

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Your STANLEY 2.0Ah 20V System SB202-BR battery is shipped with a low charge and must be fully charged before first use. Refer to your STANLEY V20 charger's instruction manual for specific charging procedures.

1. **Insert Battery:** Align the battery with the charging port on your STANLEY V20 charger. Slide the battery onto the charger until it clicks securely into place.
2. **Connect Charger:** Plug the charger into a standard electrical outlet.
3. **Monitor Charge:** The charger will indicate the charging status, typically with an LED light. Allow the battery to charge until the indicator shows a full charge.
4. **Remove Battery:** Once fully charged, disconnect the charger from the outlet and remove the battery from the charger.

*Note:* New batteries may require several charge/discharge cycles to reach full capacity.

## OPERATING INSTRUCTIONS

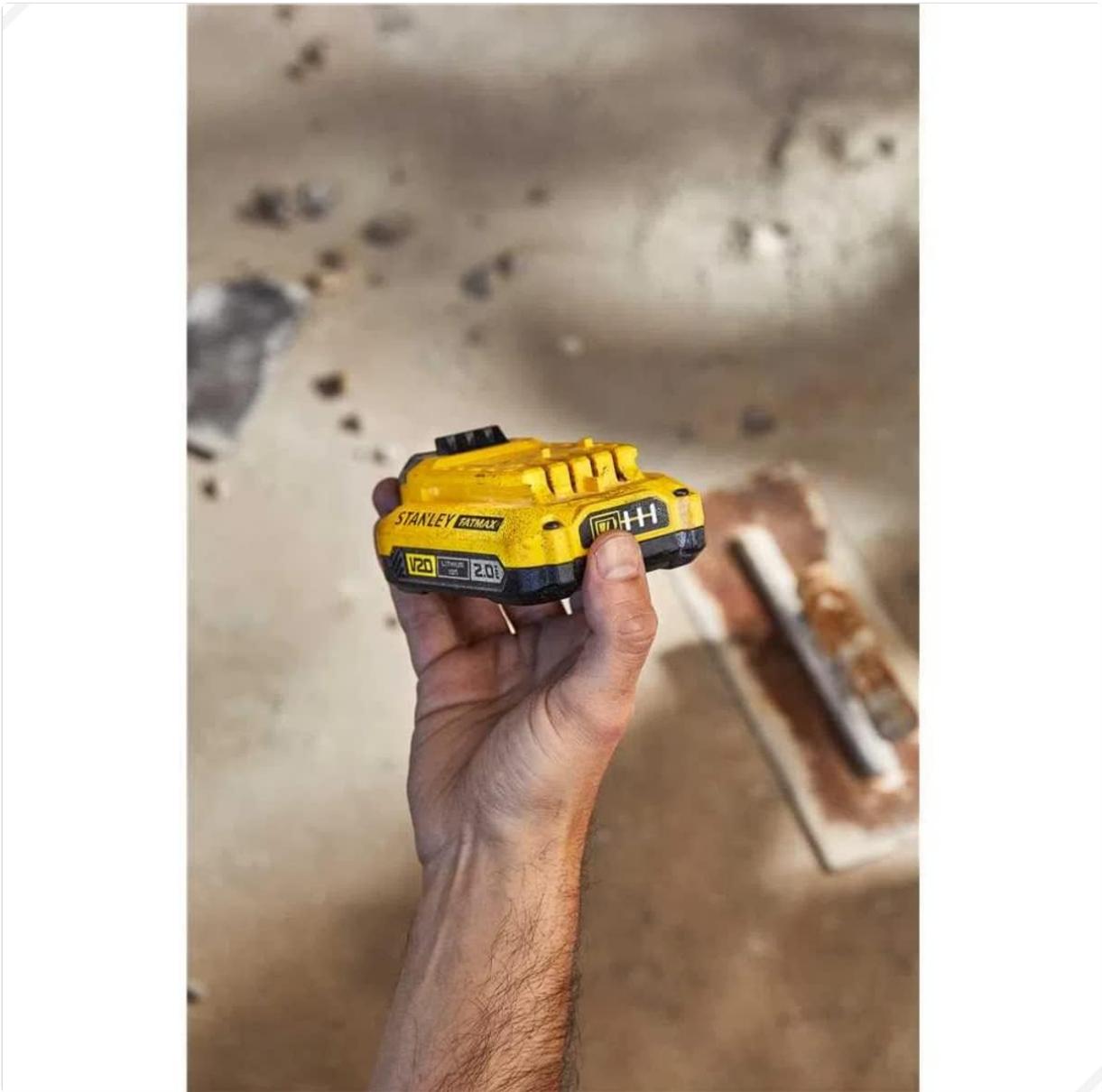
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The SB202-BR battery is designed for use with STANLEY V20 System cordless tools.

1. **Inserting the Battery:** Align the battery with the battery port on your STANLEY V20 tool. Slide the battery into the tool until it clicks firmly into place. Ensure it is fully seated to prevent accidental dislodgement during operation.
2. **Removing the Battery:** Press the battery release button(s) on the tool and slide the battery out.
3. **Charge Indicator:** This battery features a charge indicator. Press the button on the battery to view the current charge level via LED lights.



**Image:** A user demonstrating the proper method of inserting the STANLEY SB202-BR battery into a compatible STANLEY V20 power tool, ensuring a secure connection.



**Image:** A hand holding the compact STANLEY SB202-BR battery, illustrating its ergonomic design and portability for easy handling.

## MAINTENANCE AND STORAGE

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Proper maintenance and storage will extend the life of your battery.

- **Cleaning:** Keep the battery terminals clean. Use a clean, dry cloth to wipe off any dust or debris.
- **Storage Temperature:** Store the battery in a location where the temperature is between 0°C and 40°C (32°F and 104°F). Avoid storing in direct sunlight or areas with high humidity.
- **Long-Term Storage:** For long-term storage, charge the battery to approximately 50% capacity. Recharge every 6 months to prevent deep discharge.
- **Avoid Full Discharge:** Do not allow the battery to fully discharge before recharging, as this can reduce its overall lifespan.

## TROUBLESHOOTING

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If you encounter issues with your SB202-BR battery, refer to the following common problems and solutions:

| Problem                         | Possible Cause                                                                                                                                                                | Solution                                                                                                                                                                                                                                                                                                   |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery not charging            | <ul style="list-style-type: none"> <li>Charger not plugged in</li> <li>Battery not properly seated</li> <li>Faulty charger or battery</li> <li>Extreme temperature</li> </ul> | <ul style="list-style-type: none"> <li>Ensure charger is securely plugged into a working outlet.</li> <li>Re-seat the battery firmly onto the charger.</li> <li>Test with another known good battery/charger if available.</li> <li>Move battery and charger to a room temperature environment.</li> </ul> |
| Tool not operating with battery | <ul style="list-style-type: none"> <li>Battery not charged</li> <li>Battery not properly inserted</li> <li>Tool malfunction</li> </ul>                                        | <ul style="list-style-type: none"> <li>Check battery charge level using the indicator. Charge if necessary.</li> <li>Ensure battery is fully clicked into the tool.</li> <li>Refer to your tool's instruction manual for troubleshooting.</li> </ul>                                                       |
| Reduced run time                | <ul style="list-style-type: none"> <li>Battery aging</li> <li>Operating in extreme conditions</li> <li>Heavy load application</li> </ul>                                      | <ul style="list-style-type: none"> <li>Battery capacity naturally decreases over time. Consider replacement.</li> <li>Avoid using in very hot or cold environments.</li> <li>Ensure the tool is appropriate for the task.</li> </ul>                                                                       |

If the problem persists after trying these solutions, contact STANLEY customer support.

## SPECIFICATIONS

| Feature            | Detail                                                          |
|--------------------|-----------------------------------------------------------------|
| Model Number       | SB202-BR                                                        |
| Battery Type       | Lithium-Ion                                                     |
| Voltage            | 20V                                                             |
| Capacity           | 2.0Ah                                                           |
| Item Weight        | 1.01 pounds (approx. 0.46 kg)                                   |
| Product Dimensions | 2.76 x 2.36 x 3.94 inches (approx. 7 x 6 x 10 cm)               |
| Compatibility      | STANLEY V20 System Tools                                        |
| Features           | Charge Indicator, Minimal Automatic Discharge, No Memory Effect |

## WARRANTY INFORMATION

The STANLEY 2.0Ah 20V System SB202-BR Battery comes with a **2-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, alteration, or unauthorized repair. Please retain your proof of purchase for warranty claims.

For full warranty terms and conditions, please refer to the official STANLEY warranty documentation or

contact customer support.

## CUSTOMER SUPPORT

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If you have any questions, require assistance, or need to make a warranty claim, please contact STANLEY customer support:

- **Website:** Visit the official STANLEY website for support resources, FAQs, and contact information.  
[www.stanleytools.com](http://www.stanleytools.com)
- **Phone:** Refer to your product packaging or the STANLEY website for regional customer service phone numbers.

When contacting support, please have your battery model number (SB202-BR) and proof of purchase readily available.