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WEN 20202

WEN 20V Max 2.0 Ah Rechargeable Lithium-Ion Replacement Battery User Manual

Model: 20202

1. Product Overview

This manual provides essential information for the safe and effective use of your WEN 20V Max Lithium-Ion 2.0Ah Rechargeable Battery (Model 20202). This battery is designed to power the entire WEN 20V Max series of tools, offering reliable and consistent performance.



Image: The WEN 20V Max 2.0 Ah Rechargeable Lithium-Ion Replacement Battery, black with orange accents.

Key Features:

- **Double the run time:** Add an extra battery to extend the operational time of your 20V Max tool.

- **Fade-free performance:** Lithium-ion cells ensure consistent power delivery throughout the battery's charge cycle.
- **2 Amp Hours:** Provides 2 amp hours of battery power for various applications.
- **Compact and lightweight:** Designed for easy storage and comfortable tool operation.
- **Compatibility:** Fully compatible with the entire WEN 20V Max Series, including model numbers 49120, 49135, and 49120C.



Image: An illustration of the WEN 20V MAX Battery System, showcasing various power tools that are compatible with this battery.

2. Setup and Initial Charging

Before first use, it is recommended to fully charge your WEN 20V Max Lithium-Ion battery.

Charging Procedure:

1. **Connect the Charger:** Plug your WEN 20V Max battery charger (sold separately, e.g., Model 2020C or 20201Q) into a standard electrical outlet.
2. **Insert Battery:** Slide the WEN 20V Max battery into the charger until it clicks securely into place. Ensure proper alignment.
3. **Monitor Charging:** The charger will typically have indicator lights to show the charging status. Refer to your charger's manual for specific light patterns. A full charge usually takes a few hours depending on the charger model and battery's initial charge level.
4. **Remove Battery:** Once fully charged, remove the battery from the charger. It is safe to leave the battery on the charger for extended periods as WEN chargers often feature overcharge protection.



Image: A WEN 20V Max battery positioned next to a WEN 20V charger, illustrating the components involved in the charging process.

Note: Always use WEN brand chargers designed for the 20V Max series to ensure optimal performance and safety.

3. Operating Instructions

The WEN 20V Max 2.0 Ah battery is designed for seamless integration with WEN 20V Max cordless power tools.

Inserting the Battery into a Tool:

1. **Ensure Tool is Off:** Always ensure the power tool is in the "OFF" position before inserting or removing the battery.
2. **Align Battery:** Align the battery with the battery port on the tool. The battery typically slides in one direction only.
3. **Secure Battery:** Push the battery firmly into the tool until you hear a click, indicating it is securely latched.
4. **Verify Connection:** Gently tug on the battery to ensure it is fully seated and will not dislodge during operation.



Image: A person operating a WEN circular saw, demonstrating the battery in use with a compatible tool.

Removing the Battery from a Tool:

1. **Ensure Tool is Off:** Always ensure the power tool is in the "OFF" position.
2. **Press Latch:** Locate the battery release latch (usually an orange button or lever) on the tool or battery. Press and hold this latch.
3. **Slide Out Battery:** While holding the latch, slide the battery out of the tool.

For optimal performance, ensure the battery is fully charged before beginning tasks that require sustained power. Lithium-ion batteries provide consistent power until depleted, avoiding the "fade" common with older battery technologies.

4. Maintenance and Storage

Proper maintenance and storage will extend the life and performance of your WEN 20V Max battery.

General Care:

- **Keep Clean:** Periodically wipe the battery and its terminals with a clean, dry cloth to remove dust and debris.
- **Avoid Moisture:** Do not expose the battery to water or excessive moisture. If it gets wet, dry it thoroughly before use or charging.
- **Inspect for Damage:** Regularly inspect the battery for any signs of physical damage, cracks, or leaks. Do not use a damaged battery.

Storage:

- **Charge Level:** For long-term storage, it is best to store lithium-ion batteries with a partial charge (around 50%). Storing them fully charged or fully depleted can reduce their lifespan.
- **Temperature:** Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures (both hot and cold). Ideal storage temperature is between 50°F and 68°F (10°C and 20°C).
- **Away from Metal Objects:** Store batteries away from metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals

together may cause burns or a fire.

Disposal:

Do not dispose of batteries in household waste. Lithium-ion batteries contain materials that should be recycled. Contact your local waste management authority for information on proper disposal and recycling options.

5. Troubleshooting

If you encounter issues with your WEN 20V Max battery, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in Battery not properly seated in charger Faulty charger Battery too hot or too cold Damaged battery	Ensure charger is securely plugged into a working outlet. Re-insert battery, ensuring it clicks into place. Try another WEN 20V Max charger if available. Allow battery to reach room temperature before charging. If battery is damaged, discontinue use and replace.
Tool not operating with charged battery	Battery not properly seated in tool Tool issue, not battery Battery is fully discharged Overload protection activated	Re-insert battery, ensuring it clicks into place. Test the tool with another known good WEN 20V Max battery. Charge the battery fully. Allow the battery and tool to cool down. Reduce load on the tool.
Reduced run time	Battery nearing end of life Operating in extreme temperatures Heavy tool usage	Consider replacing the battery. Use and store battery within recommended temperature ranges. This is normal for demanding applications. Consider a higher Ah battery (e.g., 4.0Ah or 5.0Ah) for longer run times.

If problems persist after attempting these solutions, please contact WEN customer support.

6. Product Specifications

Feature	Specification
Brand	WEN

Feature	Specification
Model Number	20202
Battery Type	Lithium-Ion
Voltage	20 Volts Max
Battery Capacity	2.0 Amp Hours (Ah)
Item Weight	Approximately 15.2 ounces
Package Dimensions	Approximately 4.92 x 3.35 x 2.52 inches
Reusability	Rechargeable
Compatible Series	WEN 20V Max Series (e.g., 49120, 49135, 49120C)



Image: A graphic detailing the WEN 20V MAX battery system, highlighting features like fade-free performance, compact size, and various battery capacities (2.0Ah, 4.0Ah, 5.0Ah) along with compatible chargers.

7. Warranty Information

Specific warranty details for the WEN 20V Max 2.0 Ah Rechargeable Lithium-Ion Replacement Battery are typically provided with the product packaging or can be found on the official WEN website. Please refer to the documentation included with your purchase for the most accurate and up-to-date warranty terms and conditions.

Generally, WEN products come with a limited warranty covering defects in material and workmanship. Keep your proof of purchase for any warranty claims.

8. Customer Support

For technical assistance, replacement parts, or any questions regarding your WEN 20V Max battery, please contact WEN customer support.

WEN Products

Website: www.wenproducts.com
Contact information can typically be found on their website under the "Support" or "Contact Us" section.

When contacting support, please have your product model number (20202) and purchase information readily available.

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