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> ZEGJAW 20V 4.0Ah Lithium-Ion Battery User Manual

## ZEGJAW ZJ-MT4.0

# ZEGJAW 20V 4.0Ah Lithium-Ion Battery User Manual

Model: ZJ-MT4.0

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use, charging, maintenance, and storage of your ZEGJAW 20V 4.0Ah Lithium-Ion Battery (Model ZJ-MT4.0). Please read this manual thoroughly before first use and retain it for future reference. This battery is designed for use with compatible ZEGJAW 20V cordless power tools.



Image 1.1: Front view of the ZEGJAW 20V 4.0Ah Lithium-Ion Battery.

## 2. IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using battery-powered tools to reduce the risk of fire, electric

shock, and personal injury. Failure to follow these instructions may result in serious injury or property damage.

- **Read all instructions:** Before using the battery, read all instructions and cautionary markings on the battery, the battery charger, and the product using the battery.
- **Use compatible chargers:** Only use the battery with chargers specified by the manufacturer. Using an incompatible charger may create a risk of fire.
- **Avoid hazardous environments:** Do not charge the battery in rain, damp locations, or in the presence of flammable liquids or gases.
- **Prevent short-circuiting:** Do not allow metal objects to contact the battery terminals. This can cause a short circuit, leading to fire, burns, or electric shock.
- **Do not disassemble:** Never attempt to open or disassemble the battery pack. There are no user-serviceable parts inside.
- **Protect from extreme temperatures:** Do not expose the battery to fire or excessive heat (above 122°F / 50°C). Store in a cool, dry place.
- **Proper disposal:** Dispose of batteries responsibly. Do not dispose of in household waste or fire. Consult local regulations for proper disposal of lithium-ion batteries.
- **Integrated Protections:** This battery features built-in microchips to prevent overload, over-voltage, over-charge, and over-temperature conditions, enhancing safety and durability.

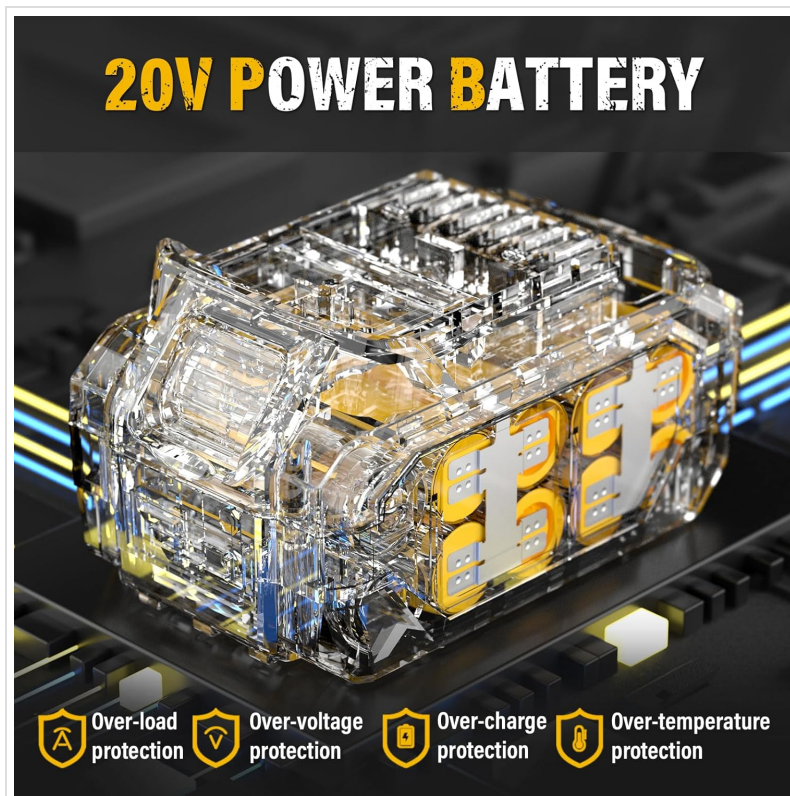


Image 2.1: Illustration of the internal protection mechanisms of the ZEGJAW 20V battery, including overload, over-voltage, over-charge, and over-temperature protection.

### 3. PRODUCT OVERVIEW

The ZEGJAW 20V 4.0Ah Lithium-Ion Battery is designed for reliable power delivery to your cordless tools. It features a robust casing and an integrated LED indicator to display the charge status.

#### 3.1 Battery Components



Image 3.1: Detailed views of the ZEGJAW 20V battery, showing its overall design, top overlook, charging interface, LED indicator, and side profile.

### 3.2 LED Charge Indicator

The battery is equipped with an LED indicator that shows the approximate remaining charge. Press the button on the battery to activate the indicator lights.

- **3 Green Lights:** 100% charge
- **2 Yellow Lights:** Approximately 55% charge
- **1 Red Light:** Approximately 20% charge (recharge soon)



Image 3.2: The LED indicator on the ZEGJAW 20V battery displaying different charge levels.

## 4. CHARGING THE BATTERY

To ensure optimal performance and longevity, always charge your ZEGJAW 20V 4.0Ah Lithium-Ion Battery using a compatible ZEGJAW 20V battery charger (sold separately).

### 4.1 Initial Charge

1. Upon first use, fully charge the battery before connecting it to a tool.
2. Insert the battery pack into the charger, ensuring it is seated correctly.
3. Observe the charger's indicator lights for charging status. Refer to your charger's manual for specific

light patterns.

## 4.2 General Charging Guidelines

- Charge the battery in a well-ventilated area, away from direct sunlight and moisture.
- Do not charge the battery if its temperature is below 32°F (0°C) or above 104°F (40°C).
- Remove the battery from the charger once fully charged to prevent overcharging, although the battery has built-in over-charge protection.
- If the battery feels hot after use, allow it to cool down before charging.

## 5. INSTALLATION AND REMOVAL

Proper installation and removal ensure secure connection and prevent damage to both the battery and the tool.

### 5.1 Installing the Battery

1. Align the battery with the battery port on the tool.
2. Slide the battery into the port until it clicks securely into place. Ensure it is fully seated and does not wobble.

### 5.2 Removing the Battery

1. Locate the battery release button, typically on the side or front of the battery.
2. Press and hold the release button.
3. Slide the battery out of the tool.



Image 5.1: A ZEGJAW 20V 4.0Ah Lithium-Ion Battery being inserted into a compatible cordless power tool.

## 6. OPERATION

Once the battery is fully charged and properly installed in a compatible ZEGJAW 20V tool, the tool is ready for operation. Always refer to your specific tool's instruction manual for detailed operating procedures.

- Ensure the battery is fully charged before starting tasks that require significant power or extended run time.
- Monitor the battery's LED indicator during use to anticipate when a recharge will be necessary.
- Avoid completely discharging the battery, as this can reduce its overall lifespan. Recharge when the power significantly drops or the indicator shows low charge.

## 7. MAINTENANCE AND STORAGE

Proper maintenance and storage practices will help extend the life and performance of your ZEGJAW battery.

## 7.1 Maintenance

- Keep the battery terminals clean and free of debris. Use a clean, dry cloth to wipe them if necessary.
- Inspect the battery for any signs of damage, cracks, or leaks before each use. Do not use a damaged battery.

## 7.2 Storage

- Store the battery in a cool, dry place, away from direct sunlight, heat sources, and moisture.
- For long-term storage, it is recommended to store the battery with a charge level between 50% and 70%. Avoid storing fully discharged or fully charged for extended periods.
- Keep the battery away from children and pets.

## 8. TROUBLESHOOTING

If you encounter issues with your ZEGJAW 20V 4.0Ah Lithium-Ion Battery, refer to the following common troubleshooting steps:

- **Battery not charging:**
  - Ensure the charger is properly plugged into a working power outlet.
  - Verify the battery is correctly seated in the charger.
  - Check if the battery or charger is too hot or too cold. Allow them to reach room temperature.
  - Inspect battery terminals for dirt or damage.
- **Battery not powering tool:**
  - Ensure the battery is fully charged (check LED indicator).
  - Verify the battery is securely installed in the tool.
  - Check the tool itself for any faults or blockages.
- **Battery overheating during use:**
  - Stop using the tool immediately.
  - Remove the battery and allow it to cool down in a well-ventilated area.
  - If overheating persists, discontinue use and contact customer support.

If these steps do not resolve the issue, contact ZEGJAW customer support for further assistance.

## 9. SPECIFICATIONS

Technical specifications for the ZEGJAW 20V 4.0Ah Lithium-Ion Battery (Model ZJ-MT4.0):

Feature	Specification
Model Number	ZJ-MT4.0
Voltage	20V
Capacity	4.0Ah
Battery Cell Composition	Lithium Ion
Product Dimensions	4.9 x 3 x 2.7 inches

Feature	Specification
Item Weight	1.46 pounds
Manufacturer	ZEGJAW



Image 9.1: The ZEGJAW 20V battery with its key dimensions (length, width, height) indicated.

## 10. WARRANTY AND CUSTOMER SUPPORT

For specific warranty information regarding your ZEGJAW 20V 4.0Ah Lithium-Ion Battery, please refer to the documentation provided with your original purchase or visit the official ZEGJAW website.

For technical assistance, troubleshooting not covered in this manual, or any other inquiries, please contact ZEGJAW customer support through their official channels. Contact information can typically be found on the product packaging or the manufacturer's website.