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Gikysuiz DCB090

Gikysuiz 4000mAh Replacement Battery for DeWalt DCB090 Series

Instruction Manual

INTRODUCTION

This manual provides essential instructions for the safe and effective use, maintenance, and troubleshooting of your Gikysuiz 4000mAh replacement battery. This battery is designed for compatibility with various DeWalt 14.4V power tools, including models in the DCB090, DCD720, and DCD730 series. Please read this manual thoroughly before first use and retain it for future reference.

The Gikysuiz replacement battery offers a capacity of 4000 mAh (57.6 Wh) at 14.4 V, ensuring reliable power for your tools. It features advanced protection mechanisms against over-temperature, over-charging, overload, and short circuits to ensure safe operation.

SAFETY INFORMATION

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

- Do not disassemble, open, or shred the battery pack.
- Do not expose the battery to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit the battery. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.
- Do not remove the battery from its original packaging until required for use.
- Do not subject battery packs to mechanical shock.
- In the event of battery leakage, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Do not use any charger other than that specifically provided for use with the equipment.
- Observe the plus (+) and minus (-) marks on the battery and equipment and ensure correct use.
- Keep the battery clean and dry.
- Do not leave a battery on prolonged charge when not in use.
- Store the battery in a cool, dry place.

- The battery is equipped with over-temperature, over-charging, overload, and short-circuit protection. However, always monitor charging and usage.

PRODUCT OVERVIEW

The Gikysuiz 4000mAh replacement battery is a high-quality Lithium-Ion power source designed for various DeWalt 14.4V cordless tools. It provides consistent power and features multiple safety protections.

Key Features:

- **High Capacity:** 4000 mAh (57.6 Wh) for extended run time.
- **Voltage:** 14.4 V.
- **Lithium-Ion Technology:** No memory effect, allowing charging at any time without reducing battery life.
- **Advanced Protection:** Built-in safeguards against over-temperature, over-charging, overload, and short-circuit.
- **Durable Design:** Constructed for indoor and outdoor use.

Compatible DeWalt Models:

This replacement battery is compatible with a wide range of DeWalt 14.4V tools, including but not limited to:

- DCB090
- DCD720, DCD720C1, DCD720N
- DCD730, DCD730C, DCD730C2, DCD730L, DCD730L2, DCD730M2
- DCD731, DCD732, DCD732D2, DCD732M2, DCD732P2
- DCD733

Note: Always verify compatibility with your specific tool model and original battery number before use.



Figure 1: Front-side view of the Gikysuiz 4000mAh replacement battery, showing the main body and connection interface.



Figure 2: Top view of the battery, highlighting the electrical connector terminals and release button.

SETUP

1. **Initial Charge:** Before first use, fully charge the battery using a compatible DeWalt 14.4V Lithium-Ion battery charger. Refer to your charger's manual for specific charging instructions.
2. **Battery Installation:**
 - Ensure the power tool is turned off and disconnected from any power source.
 - Align the battery with the battery port on your DeWalt tool.
 - Slide the battery into the tool until it clicks securely into place. Ensure it is firmly seated to prevent accidental dislodgement during operation.



Figure 3: Side view of the battery, showing its profile and textured grip areas.

OPERATING INSTRUCTIONS

1. **Using the Battery:** Once installed, the battery powers your compatible DeWalt tool. Operate the tool according to its specific instruction manual.
2. **Charging the Battery:**
 - Only use a genuine DeWalt 14.4V Lithium-Ion battery charger or a compatible charger specifically designed for this battery type.
 - Insert the battery into the charger, ensuring proper alignment.
 - Monitor the charger's indicator lights for charging status.
 - Do not overcharge the battery. Disconnect once fully charged.
3. **Battery Removal:** Press the battery release button(s) on the tool and slide the battery out.

MAINTENANCE

Problem	Possible Cause	Solution
Battery not charging	<ul style="list-style-type: none"> • Improperly seated in charger. • Charger malfunction. • Battery too hot or too cold. • Damaged battery contacts. 	<ul style="list-style-type: none"> • Ensure battery is fully inserted into the charger. • Test charger with another battery or try a different charger. • Allow battery to reach room temperature before charging. • Clean battery contacts. If damaged, discontinue use.
Tool not operating	<ul style="list-style-type: none"> • Battery not fully charged. • Battery not properly installed. • Tool malfunction. 	<ul style="list-style-type: none"> • Charge the battery fully. • Remove and re-install the battery, ensuring it clicks into place. • Test the tool with another known-good battery.
Reduced run time	<ul style="list-style-type: none"> • Battery not fully charged. • Battery nearing end of life. • Operating in extreme temperatures. 	<ul style="list-style-type: none"> • Ensure battery is fully charged before use. • Consider replacing the battery if it consistently provides short run times after full charge. • Use the tool and battery within recommended temperature ranges.

SPECIFICATIONS

Feature	Detail
Voltage	14.4 V
Capacity	4000 mAh / 57.6 Wh
Battery Type	Lithium Ion
Dimensions (L x W x H)	109.30 x 75.58 x 58.40 mm (approx.)
Weight	688 g / 1.52 pounds (approx.)
Recommended Use	Indoor/Outdoor
Manufacturer	Gikysuiz

WARRANTY AND SUPPORT

Your Gikysuiz replacement battery comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets specified quality standards.

For any questions, concerns, or warranty claims, please contact Gikysuiz customer support. We are committed to your satisfaction and offer 24/7 email support.

Please retain your proof of purchase for warranty validation.