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› DTK 80V 2.8Ah Lithium-Ion Battery Instruction Manual (Model GBA80250)

DTK GBA80250

DTK 80V 2.8Ah Lithium-Ion Battery Instruction Manual

Model: GBA80250 | Brand: DTK

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your DTK 80V 2.8Ah Lithium-Ion Battery, model GBA80250. This battery is designed as a replacement and compatible power source for various Greenworks 80V cordless power tools. Please read this manual thoroughly before first use and retain it for future reference.

2. IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using battery-powered products to reduce the risk of fire, electric shock, and personal injury.

General Battery Safety

- Do not disassemble, open, or shred battery packs.
- Do not short-circuit a battery pack. 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 expose battery packs to heat or fire. Avoid storage in direct sunlight.
- 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.
- Keep battery packs clean and dry.
- Recharge only with the charger specified by the manufacturer. Using an incompatible charger may create a risk of fire.
- Do not use any battery pack that is not designed for use with the equipment.
- Keep battery packs out of the reach of children.
- Observe the plus (+) and minus (-) marks on the battery and equipment and ensure correct use.
- Dispose of battery packs properly according to local regulations.

Multi-Protection Technology







 over-charger protection	 over-heating protection	 over-discharge protection
 short-circuit protection	 over-current protection	 over-voltage protection



Image: The DTK 80V battery features multi-protection technology, including safeguards against over-charger, over-heating, over-discharge, short-circuit, over-current, and over-voltage.

Upgraded Lithium-ion Battery



Image: The battery is designed with intelligent heat dissipation, shock resistance, and provides a longer run time for cordless power tools.

3. PRODUCT OVERVIEW

The DTK 80V 2.8Ah Lithium-Ion Battery (GBA80250) is a high-performance power source designed to provide reliable and consistent power to your Greenworks 80V cordless power tools. It features advanced lithium-ion technology for extended life and efficiency.



Image: A front view of the DTK 80V 2.8Ah Lithium-Ion Rechargeable Battery Pack.

Key Features

- **Voltage:** 80V
- **Capacity:** 2.8Ah (2800 Milliamp Hours)
- **Cell Composition:** Lithium-Ion
- **Compatibility:** Designed for Greenworks 80V cordless power tools.
- **Visible Battery Indicator:** Features an integrated LED indicator to show the current charge level.
- **Multi-Protection Technology:** Includes safeguards against over-charging, over-heating, over-discharge, short-circuit, over-current, and over-voltage.

- **Durable Design:** Built with intelligent heat dissipation and shock-resistant casing.



Image: A close-up view of the DTK 80V battery, highlighting its visible LED battery indicator for easy charge monitoring.

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Video: A 360-degree view of the DTK 80V 2.8Ah Lithium-Ion Battery, showcasing its design and features from all angles.

4. SPECIFICATIONS

Brand	DTK
Model Number	GBA80250
Battery Voltage	80V
Battery Capacity	2.8Ah (2800 Milliamp Hours)
Battery Cell Composition	Lithium Ion
Item Weight	2 pounds
Package Dimensions	2.75 x 2.36 x 1.97 inches
Manufacturer	Shenzhen Henglixinyuan Electronic Technology Co., Ltd
Compatible with	Greenworks 80V Cordless Power Tools (GBA80200, GBA80250, GBA80400, GBA80500)

5. SETUP AND CHARGING

Initial Charge

1. Ensure you are using a compatible Greenworks 80V charger, such as the GCH8040.
2. Connect the charger to a standard power outlet.
3. Slide the DTK 80V battery into the charger until it clicks into place.
4. Allow the battery to charge fully before first use. Refer to your charger's manual for specific charging indicators and times.
5. The battery's visible LED indicator will show the charge status.

100% COMPATIBLE

with 80V Greenworks Charger GCH8040



Image: The DTK 80V battery is shown being charged on a compatible Greenworks 80V charger (GCH8040).

Battery Installation

1. Ensure the power tool is turned off and disconnected from any power source.
2. Align the battery with the battery compartment on your Greenworks 80V cordless power tool.
3. Slide the battery into the compartment until it locks securely into place. You should hear a click.
4. To remove the battery, press the release button(s) on the battery or tool and slide the battery out.

Suitable for Greenworks 80V Power tool



POWER 50+ Tools

Image: A visual representation demonstrating the DTK 80V battery's compatibility with a wide range of Greenworks 80V cordless power tools, including lawn mowers, trimmers, blowers, and chainsaws.

6. OPERATING INSTRUCTIONS

Once the battery is fully charged and securely installed in a compatible Greenworks 80V tool, the tool is ready for operation. Always refer to your specific power tool's instruction manual for detailed operating procedures.

Monitoring Battery Charge

The DTK 80V battery features an integrated LED indicator. Press the button on the battery to view the current charge level. This allows you to monitor power availability during use and plan for recharging.

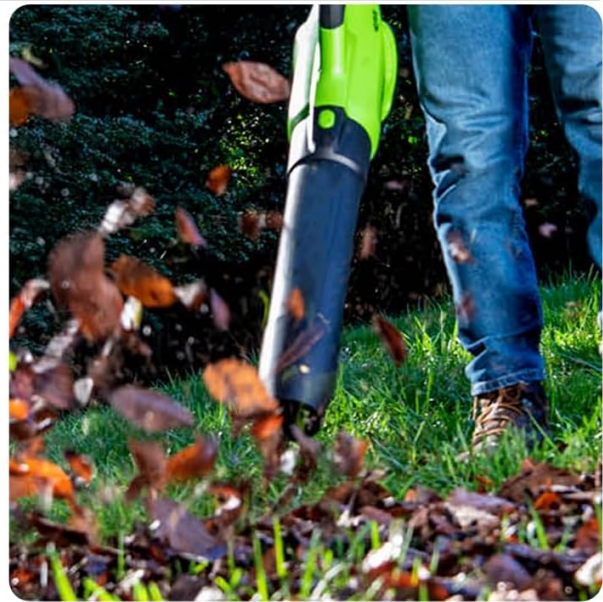


Image: Examples of Greenworks 80V cordless power tools, such as a chainsaw, leaf blower, string trimmer, and lawn mower, being used for various outdoor tasks.

7. MAINTENANCE AND STORAGE

Cleaning

- Keep the battery pack's terminals clean and free of debris. Use a clean, dry cloth to wipe any dirt or dust.
- Do not use water or chemical cleaners on the battery.

Storage

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid storing the battery in temperatures below 0°C (32°F) or above 40°C (104°F).
- For long-term storage, it is recommended to store the battery with a partial charge (around 50-60%) to prolong its lifespan. Recharge every 3-6 months if not in use.
- Do not store the battery in a discharged state for extended periods.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging.	<ul style="list-style-type: none"> ◦ Charger not plugged in. ◦ Battery not properly seated in charger. ◦ Charger or battery is faulty. ◦ Extreme temperature (too hot/cold). 	<ul style="list-style-type: none"> ◦ Check power connection. ◦ Reseat battery firmly. ◦ Test with another compatible charger/battery if available. ◦ Move to a room temperature environment.
Tool not powering on with battery.	<ul style="list-style-type: none"> ◦ Battery not fully charged. ◦ Battery not properly installed in tool. ◦ Battery or tool is faulty. 	<ul style="list-style-type: none"> ◦ Charge battery fully. ◦ Ensure battery is securely locked in place. ◦ Test battery in another tool or another battery in the same tool.
Short run time.	<ul style="list-style-type: none"> ◦ Battery not fully charged. ◦ Battery is old or damaged. ◦ Tool is being used in high-demand applications. 	<ul style="list-style-type: none"> ◦ Ensure battery is fully charged before use. ◦ Consider replacing the battery if it consistently has reduced capacity. ◦ This is normal for demanding tasks; ensure battery is fully charged.

9. WARRANTY AND SUPPORT

DTK products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Shenzhen Henglixinyuan Electronic Technology Co., Ltd

For further assistance, please refer to the contact information provided at the point of purchase or on the product packaging.