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DEWALT DCB203

DEWALT 20V MAX Battery, Compact 2.0Ah (DCB203) User Manual

Model: DCB203

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1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your DEWALT 20V MAX Compact 2.0Ah Lithium Ion Battery (DCB203). Please read all instructions carefully before use to ensure optimal performance and longevity of the product.



Image: The DEWALT 20V MAX Compact 2.0Ah Lithium Ion Battery (DCB203).

2. IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions when handling and using lithium-ion batteries. Failure to do so may result in fire, electric shock, or serious injury.

- Do not immerse the battery in water or other liquids.
- Do not store or use the battery in temperatures exceeding 105°F (40°C).
- Do not incinerate the battery, even if it is severely damaged or completely dead.
- Do not short-circuit the battery terminals.
- Do not attempt to open, disassemble, or modify the battery pack.
- Use only DEWALT chargers specified for this battery pack.
- Keep the battery away from children.
- Dispose of used batteries responsibly according to local regulations.

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

3. COMPONENTS

The DEWALT 20V MAX Compact 2.0Ah Lithium Ion Battery (DCB203) includes the following key features:

- Compact Lithium Ion pack for extended runtime.
- 3-LED fuel gauge system for immediate feedback on state of charge.
- Lightweight design.
- No memory effect and virtually no self-discharge.



WEIGHS 1 LB



2.0 AMP HOURS

Image: The battery highlighting its 2.0 Amp Hours capacity and integrated fuel gauge.

4. SETUP AND INITIAL CHARGE

Before first use, the battery pack must be fully charged. Refer to your DEWALT charger's instruction manual for specific charging procedures.

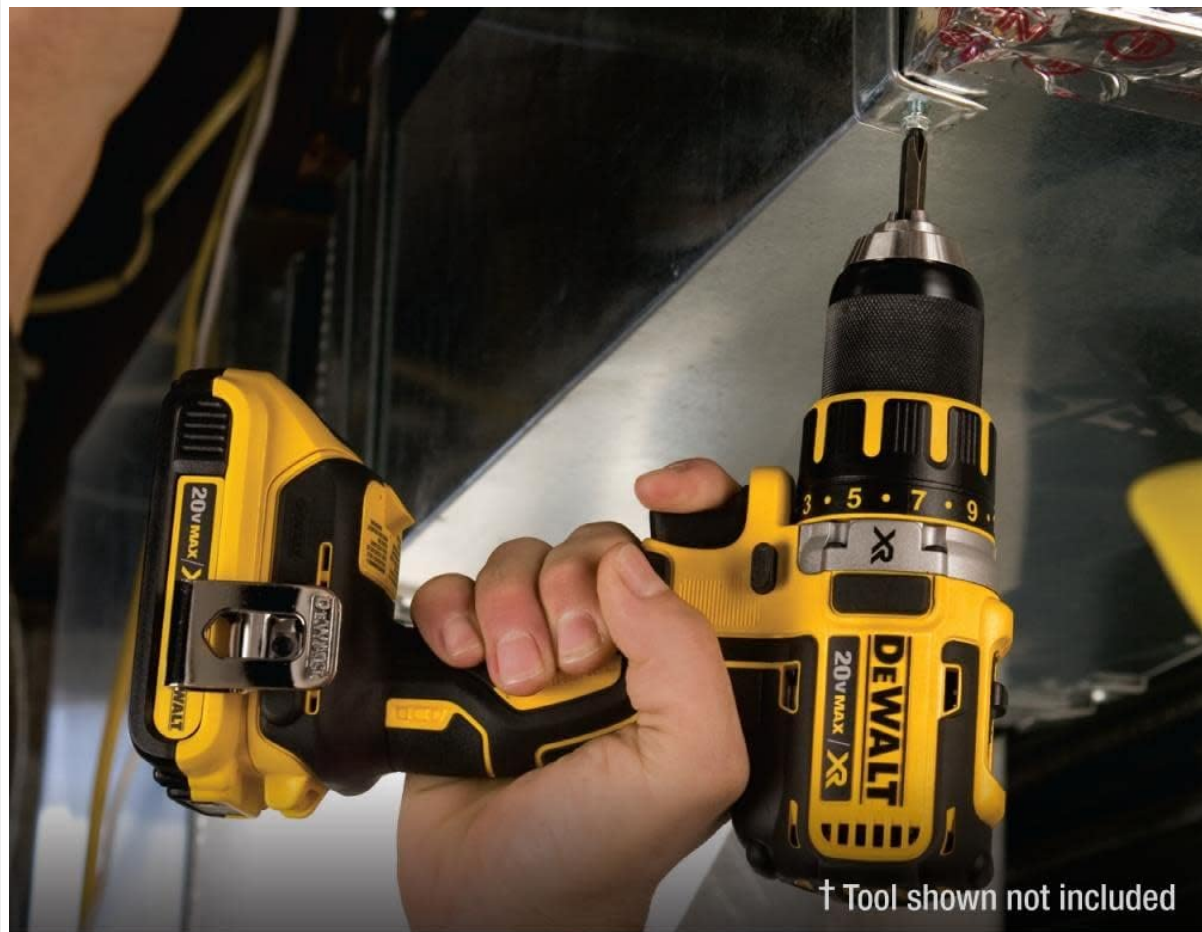
1. Ensure the battery pack is clean and dry before placing it into the charger.
2. Insert the battery pack firmly into the charger until it clicks into place.
3. Connect the charger to a suitable power outlet.
4. Allow the battery to charge until the charger's indicator light signals a full charge (typically around 35 minutes for a compact 2.0Ah battery).
5. Once charged, remove the battery from the charger.

5. OPERATING INSTRUCTIONS

The DEWALT 20V MAX Compact 2.0Ah battery is designed for use with DEWALT 20V MAX cordless power tools. It is particularly well-suited for applications requiring a lightweight and compact power source.

5.1 Attaching to a Tool

1. Align the battery pack with the battery port on your DEWALT 20V MAX tool.
2. Slide the battery pack into the tool until it locks securely into place. Ensure it is fully seated to prevent accidental detachment during operation.



**BEST USED FOR
LIGHT FASTENING[†]**

Image: The 2.0Ah battery attached to a DEWALT drill, demonstrating its compact size for light fastening tasks.

5.2 Checking Battery Charge

The battery features a 3-LED fuel gauge. Press the button on the battery to illuminate the LEDs and check the approximate state of charge:

- **3 LEDs:** Full charge.
- **2 LEDs:** Medium charge.
- **1 LED:** Low charge, recharge soon.
- **No LEDs:** Battery is discharged.



† Tool shown not included

NO SELF-DISCHARGE FOR MAXIMUM PRODUCTIVITY†

Image: A close-up of the battery's fuel gauge, indicating its charge status and highlighting the no self-discharge feature for maximum productivity.

6. MAINTENANCE AND STORAGE

6.1 Cleaning

Keep the battery pack clean and free of debris. Use a clean, dry cloth to wipe off any dirt or dust. Do not use water or cleaning solutions.

6.2 Storage

For optimal battery life, store the battery pack in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing fully discharged batteries for extended periods.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Battery not charging.	Battery not properly seated in charger; charger not plugged in; faulty charger or battery.	Ensure battery is fully inserted. Check power connection. Test with another charger/battery if available.
Tool not operating with battery.	Battery not charged; battery not properly seated in tool; tool malfunction.	Check battery charge using the fuel gauge. Re-seat battery firmly. Test battery with another tool.
Reduced runtime.	Battery nearing end of life; extreme operating temperatures.	Consider replacing the battery. Operate within recommended temperature ranges.

8. SPECIFICATIONS

Feature	Detail
Model Number	DCB203
Battery Type	Lithium Ion
Voltage	20V MAX* (18V Nominal)
Capacity	2.0 Ah
Weight	8 ounces (approx. 0.5 lbs)
Dimensions	7 x 7 x 3 inches (approximate)
Included Components	DCB203 - 20V MAX 2.0AH COMPACT LITHIUM-ION BATTERY

*Maximum initial battery voltage (measured without a workload) is 20 volts. Nominal voltage is 18 volts.

9. WARRANTY INFORMATION

The DEWALT 20V MAX Compact 2.0Ah Lithium Ion Battery (DCB203) is covered by a **3-year limited manufacturer's warranty**. This warranty covers defects in materials and workmanship. For full details regarding warranty terms, conditions, and exclusions, please refer to the official DEWALT warranty statement or visit the DEWALT website.



Image: DEWALT's standard warranty terms for tools and batteries.

10. CUSTOMER SUPPORT

For technical assistance, service, or to register your product, please visit the official DEWALT website or contact their customer service department.

DEWALT Official Website: www.dewalt.com

DEWALT Store on Amazon: [Visit the DEWALT Store](#)