DEWALT DCB205-2c

DEWALT 20V MAX Lithium-Ion Battery 2-Pack and Charger Kit (DCB205-2c) Instruction Manual

Model: DCB205-2c

1. Product Overview

The DEWALT 20V MAX Lithium-Ion Battery and Charger Kit is designed to power your DEWALT 20-Volt tools, providing extended runtime and reliable performance. This kit includes two 5.0 Ah DCB205 Lithium-Ion batteries and one DCB1104 charger, compatible with all DEWALT 12-Volt and 20-Volt MAX Lithium-Ion battery packs.



Image 1.1: The DEWALT 20V MAX Lithium-Ion Battery 2-Pack and Charger Kit, featuring the charger and two 5.0 Ah batteries.

Kit Contents:

- Two (2) DEWALT 20V MAX 5.0 Ah XR Lithium-Ion Batteries (DCB205)
- One (1) DEWALT 12V/20V MAX Lithium-Ion Battery Charger (DCB1104)



Image 1.2: Visual representation of the kit contents, including two DCB205 batteries and one DCB1104 charger.

2. Important Safety Instructions

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. Read all instructions before using this product.

Battery Safety:

- Do not immerse the battery pack in water or other liquids.
- Do not store or use the battery pack in locations where the temperature may reach or exceed 105°F (40°C).
- Do not incinerate the battery pack, even if it is severely damaged or completely worn out. The battery pack can explode in a fire.
- Do not short-circuit the battery pack.
- Do not attempt to open the battery pack.
- Dispose of used battery packs properly according to local regulations.

Charger Safety:

- Use only DEWALT chargers for charging DEWALT battery packs.
- Do not expose the charger to rain or wet conditions.
- Do not use the charger if the cord or plug is damaged.
- Unplug the charger from the outlet when not in use or before cleaning.
- Do not use attachments not recommended or sold by the battery charger manufacturer.

3. Setup

Unpacking:

Carefully remove all components from the packaging. Inspect the battery packs and charger for any signs of damage during shipping. Retain the packaging for future storage or transport.

Initial Charging:

For optimal performance, it is recommended to fully charge the battery packs before their first use. Refer to the 'Operating Instructions' section for detailed charging procedures.

4. Operating Instructions

Charging the Battery Pack:

1. Plug the charger into an appropriate outlet. The charger's red indicator light will illuminate, indicating it is powered on.
2. Slide the battery pack onto the charger, ensuring it is fully seated. The charger will begin charging, and the yellow indicator light will blink.
3. When charging is complete, the yellow indicator light will remain solid. A 5.0 Ah battery typically takes approximately 1.5 hours to fully charge.
4. Remove the battery pack from the charger once charging is complete.

Understanding Charger Indicator Lights:

- **Solid Red:** Charger is plugged in and ready to charge.
- **Flashing Yellow:** Battery is charging.
- **Solid Yellow:** Charging is complete.
- **Flashing Red:** Battery is too hot or too cold. Charging will begin when the battery reaches an acceptable temperature.
- **Flashing Red and Yellow:** Battery pack error.

Inserting and Removing Battery from Tool:

To insert the battery pack, align the battery with the tool's battery port and slide it in until it clicks securely into place. To remove, press the battery release button (if present on your tool) and slide the battery pack out.

Battery State of Charge Indicator:

The DCB205 battery packs feature a 3-LED fuel gauge system that provides immediate feedback on the state of charge. Press the button on the battery pack to activate the indicator lights.



Image 4.1: The DEWALT 20V MAX battery highlighting the state of charge indicator.

5. Maintenance

Cleaning:

Keep the charger and battery packs clean. Use a clean, dry cloth to wipe off any dirt or debris. Do not use water or harsh chemicals.

Storage:

Store battery packs in a cool, dry place away from direct sunlight and excessive heat. For long-term storage, it is recommended to store batteries at approximately 50% charge. Do not store battery packs with metal objects that could short-circuit the terminals.

6. Troubleshooting

Battery Not Charging:

- Ensure the charger is properly plugged into a working outlet.
- Check the charger indicator lights for error codes (e.g., flashing red for temperature, flashing red and yellow for battery error).
- Ensure the battery pack is fully seated in the charger.
- If the battery is extremely hot or cold, allow it to reach room temperature before attempting to charge.

Tool Not Powering On with Charged Battery:

- Verify the battery is fully charged using the 3-LED fuel gauge.
- Ensure the battery is securely inserted into the tool.
- Check the tool itself for any malfunctions or blockages.

7. Specifications

Feature	Specification
Model Number	DCB205-2c
Battery Type	Lithium Ion
Battery Voltage	20 Volts MAX
Battery Capacity	5.0 Amp Hours (Ah)
Wattage	200 Watt-hours
Charger Compatibility	All DEWALT 12V and 20V MAX Lithium-Ion battery packs
Charger Charge Rate	4 Amp
Item Weight	1.4 pounds (per battery)
Product Dimensions	4.9 x 9 x 15 inches (overall package)
Included Components	(2) Batteries, (1) Charger

8. Warranty and Support

Warranty Information:

This DEWALT product is covered by a 3-Year Limited Warranty. For specific details regarding warranty coverage, limitations, and claims, please refer to the official warranty documentation provided with your purchase or visit the official DEWALT website.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact DEWALT customer support. You can find contact information and additional resources on the official DEWALT website: www.dewalt.com.

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