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DEWALT DCB104

DEWALT 20V MAX* 4-Port Rapid Charger (DCB104) Instruction Manual

Model: DCB104 | Brand: DEWALT

Introduction

The DEWALT 20V MAX* 4-Port Rapid Charger (DCB104) is designed for efficient and simultaneous charging of multiple DEWALT 12V MAX*, 20V MAX*, and FLEXVOLT 20V/60V MAX* batteries. This rapid charger significantly reduces downtime by charging four batteries concurrently, ensuring your tools are always ready for use. It features intelligent charging technology, integrated cooling fans, and robust construction for durability and reliability on the job site.

Important Safety Instructions

Always read and understand all instructions before using this charger. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

- **SAVE THESE INSTRUCTIONS** – This manual contains important safety and operating instructions for battery chargers.
- Before using charger, read all instructions and cautionary markings on charger, battery pack, and product using battery pack.
- **CAUTION:** To reduce the risk of injury, charge only DEWALT rechargeable battery packs. Other types of batteries may burst causing personal injury and damage.
- Do not expose charger to rain or snow.
- Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.
- To reduce risk of damage to electric plug and cord, pull by plug rather than cord when disconnecting charger.
- Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- Do not use charger with a damaged cord or plug. If damaged, have it replaced immediately by a qualified serviceman.
- Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way. Take it to a qualified serviceman.

- Do not disassemble charger; take it to a qualified serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock, fire, or electrocution.
- To reduce risk of electric shock, unplug charger from outlet before attempting any maintenance or cleaning.
- **DANGER:** Never attempt to open the battery pack for any reason. If the battery pack case is cracked or damaged, do not insert into charger.
- Do not store the tool in locations where the temperature may reach or exceed 120°F (49°C) (e.g., outside sheds or metal buildings in summer).

Setup

Unpacking and Inspection

Carefully remove the charger from its packaging. Inspect the charger for any signs of damage that may have occurred during shipping. Ensure all components are present as listed in the packaging. If any parts are missing or damaged, do not operate the charger. Contact DEWALT customer service for assistance.

Mounting the Charger

The DCB104 charger is designed for versatile placement, including wall mounting. It features thru-hole wall mounts and side brackets for ToughSystem rail compatibility.

- **Wall Mounting:** Use appropriate screws (not included) to secure the charger to a sturdy wall surface through the designated thru-hole mounts. Ensure the mounting location allows for proper ventilation around the charger.
- **ToughSystem Compatibility:** The side brackets allow the charger to be mounted onto ToughSystem rails, integrating seamlessly with your existing DEWALT storage solutions.



Image: DEWALT DCB104 4-Port Rapid Charger mounted on a ToughSystem cart, demonstrating its compatibility and portability for job site use.



Image: A worker pulling a DEWALT ToughSystem cart with the DCB104 charger and batteries, highlighting its ease of transport and integration into a mobile workspace.



Image: The DEWALT DCB104 charger mounted on a wooden wall, showcasing its wall-mounting capability for convenient storage and access in a workshop.

Power Connection

Connect the charger's power cord to a standard 120V AC electrical outlet. The charger is designed for corded electric operation. Utilize the integrated cord wraps for tidy storage when not in use or during transport.

Operating Instructions

Charging Batteries

The DCB104 charger can charge up to four batteries simultaneously. It is compatible with DEWALT 12V MAX*, 20V MAX*, and FLEXVOLT 20V/60V MAX* Lithium Ion batteries.

1. Insert a compatible DEWALT battery pack into any of the four charging ports. Ensure the battery is fully seated in the port.
2. The charger will automatically begin charging. The LED indicator lights above each port will illuminate to show the charging status.
3. When the battery is fully charged, the LED indicator will change to a solid green light.
4. Remove the fully charged battery pack by pressing the release button on the battery and sliding it out of the charger.



Image: Top-down view of the DEWALT DCB104 4-Port Rapid Charger with four batteries inserted, ready for simultaneous charging.



Image: Front view of the DEWALT DCB104 4-Port Rapid Charger, showing the four charging bays and the DEWALT branding.



Image: Angled view of the DEWALT DCB104 4-Port Rapid Charger, highlighting its compact design and multiple charging ports.

Charging Indicators

The charger features LED indicators for each port to provide real-time charging status:

- **Solid Red:** Charging (Pack Charging)
- **Solid Green:** Fully Charged (Pack Charged)
- **Flashing Red:** Hot/Cold Delay (Battery temperature is outside optimal charging range. Charging will resume automatically once temperature normalizes.)
- **Flashing Red (Fast):** Problem with Battery Pack (Contact DEWALT service center)

Your browser does not support the video tag.

Video: A short clip demonstrating the charging process and LED indicators on the DEWALT DCB104 charger. This video is from an influencer and shows the product in use.

Your browser does not support the video tag.

Video: A detailed look at the DEWALT DCB104 charger, including its features and how it charges batteries. This video is from an influencer and provides useful operational insights.

Charging Times

The DCB104 is a rapid charger, providing quick charge times for various battery capacities:

- Charges (4) DCB204 (4.0Ah 20V MAX*) batteries in 40 minutes.
- Charges (4) DCB606 (6.0Ah 20V MAX*) batteries in 60 minutes.
- 8 amps output per port (simultaneously).

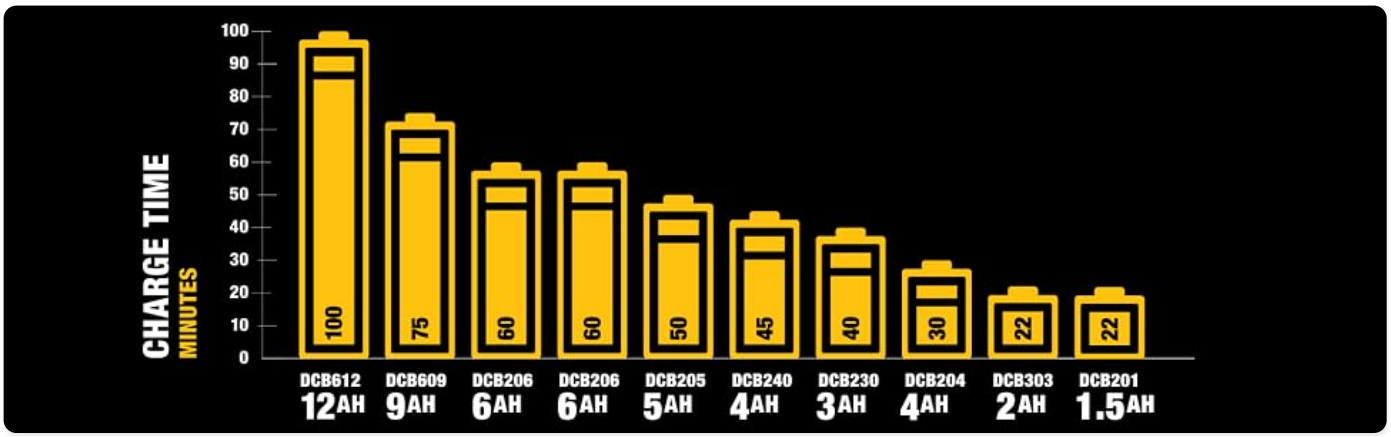


Image: A chart illustrating the approximate charge times for various DEWALT battery capacities using a fast charger.

Maintenance

Cleaning

Keep the charger clean to ensure optimal performance. Disconnect the charger from the power outlet before cleaning. Use a dry cloth or soft brush to remove dust and debris from the charger's exterior and charging ports. Do not use water or harsh cleaning agents.

Storage

Store the charger in a cool, dry place away from direct sunlight and extreme temperatures. Utilize the cord wraps to keep the power cord neatly organized. If wall-mounted, ensure the area is free from obstructions to prevent damage.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Charger not operating	No power to outlet; Damaged charger cord/plug; Faulty battery pack.	Check power outlet; Inspect cord/plug for damage and replace if necessary; Try a different battery pack.
Flashing Red Indicator (Hot/Cold Delay)	Battery temperature is too hot or too cold for charging.	Move battery and charger to a room temperature environment (65°F - 75°F / 18°C - 24°C). Charging will resume automatically.
Flashing Red Indicator (Fast)	Problem with battery pack.	Remove battery pack and try another. If problem persists, battery pack may be faulty and require replacement.
Slow charging	Using non-rapid charge compatible batteries; Environmental factors.	Ensure you are using compatible DEWALT rapid charge batteries. Verify charger is in a well-ventilated area.

Specifications

- **Model:** DCB104
- **Input Voltage:** 120V AC
- **Output Voltage:** 12V MAX*, 20V MAX*, FLEXVOLT 20V/60V MAX*
- **Output Current:** 8 Amps per port (simultaneously)
- **Weight:** 7.6 pounds
- **Dimensions:** 20.56 x 2.88 x 10.63 inches
- **Material:** Blend
- **Color:** Black/Yellow
- **Certifications:** CE, UL, FCC

Warranty and Support

This DEWALT charger comes with a 2-year manufacturer's warranty. For warranty claims, technical support, or service inquiries, please refer to the official DEWALT website or contact their customer service directly.
Visit the official DEWALT Store: DEWALT Store on Amazon

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