DEWALT DCB1104

DEWALT 12V MAX/20V MAX Lithium Ion Battery Charger

Model: DCB1104 (4 Amp)

Instruction Manual

1. Introduction

This manual provides essential information for the safe and efficient operation of your DEWALT DCB1104 12V MAX/20V MAX Lithium Ion Battery Charger. This charger is designed to charge DEWALT 12V MAX, DEWALT 20V MAX, and FLEXVOLT batteries. Its compact design makes it highly portable, and it features a two-stage LED state of charge indicator for clear communication of charging status.



Figure 1: Front view of the DEWALT DCB1104 Battery Charger, showing the battery slot and LED indicators.

2. Safety Information

WARNING: Read all safety warnings and all instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always refer to the safety information printed on the underside of the charger for detailed warnings.
- Do not charge batteries in damp or wet environments.
- Do not expose the charger to rain or snow.
- Use only DEWALT batteries with this charger.
- Do not attempt to charge non-rechargeable batteries.
- Keep the charger away from heat sources and direct sunlight.
- Always unplug the charger from the power outlet when not in use or before cleaning.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. Setup

The DEWALT DCB1104 charger is designed for ease of use and portability. It can be used on a flat surface or mounted to a wall.

3.1. Wall Mounting (Optional)

The charger includes mounting capability for a two-screw wall mount. Screws are sold separately. Ensure the mounting surface is stable and capable of supporting the charger and a battery.



Figure 2: Bottom view of the DEWALT DCB1104 Battery Charger, showing the mounting holes.

3.2. Power Connection

1. Plug the charger into a suitable power outlet (120 Volts AC).
2. The LED indicator will briefly illuminate to confirm power.

4. Operating Instructions

The DCB1104 charger features a two-stage charging process and clear LED indicators to communicate battery status.

4.1. Charging a Battery

1. Ensure the charger is plugged into a power outlet.
2. Slide the battery pack firmly into the charger until it clicks into place.
3. Observe the LED indicators for charging status.
4. Once charging is complete, remove the battery pack by pressing the release button and sliding it out.

4.2. LED Indicator Guide

The charger uses a series of red and yellow LED lights to indicate the battery's charging status:



Figure 3: Close-up view of the LED indicators on the DEWALT DCB1104 Charger.

Indicator	Status	Description
Red LED (Solid)	Stage 1 Charging	Indicates the battery is undergoing the initial fast charge, typically up to 75-80% capacity.
Red LED (Blinking)	Stage 2 Charging	Indicates the battery is in the final charging stage (trickle charge) to reach full capacity.
Green LED (Solid)	Pack Charged	The battery is fully charged and ready for use.
Yellow LED (Blinking)	Hot/Cold Delay	The battery pack is too hot or too cold. Charging will begin automatically once the battery reaches an acceptable temperature.

For optimal battery life, it is often recommended to remove the battery once Stage 1 charging is complete (Red LED solid) if immediate full charge is not required. This can contribute to more charge cycles over the battery's lifespan.

5. Maintenance

Proper maintenance ensures the longevity and performance of your charger.

- **Cleaning:** Disconnect the charger from the power outlet. Use a clean, dry cloth to wipe down the exterior of the charger. Do not use water or harsh chemicals.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and moisture.
- **Cord Care:** Inspect the power cord regularly for any damage. Do not use the charger if the cord is damaged.

6. Troubleshooting

If your charger is not functioning as expected, refer to the following common issues and solutions:

- **Charger not powering on:**
  - Ensure the charger is securely plugged into a working power outlet.
  - Check the power outlet with another device to confirm it has power.
- **Battery not charging (Hot/Cold Delay):**
  - If the Yellow LED is blinking, the battery is either too hot or too cold. Move the battery and charger to a room temperature environment (between 40°F and 105°F / 4°C and 40°C) and allow it to adjust. Charging will resume automatically.
- **Battery not fitting into charger:**
  - Ensure you are using a compatible DEWALT 12V MAX, 20V MAX, or FLEXVOLT battery.
  - Check for any obstructions in the battery slot or on the battery terminals.

7. Specifications

Feature	Detail
Brand	DEWALT
Model Number	DCB1104
Part Number	DCB1104
Item Weight	1.1 pounds
Package Dimensions	8.23 x 7.2 x 3.27 inches
Size	4 Amp
Voltage (Output)	20 Volts
Power Source	AC/DC
Certification	UL
Included Components	12V MAX/20V MAX 4 Amp Charger
Battery Cell Type	Lithium Ion
Input Voltage	120 Volts (AC)

8. Warranty and Support

Your DEWALT DCB1104 Battery Charger comes with a Manufacturer Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the documentation included with your product or visit the official DEWALT website.

For further assistance, technical support, or to explore other DEWALT products, please visit the DEWALT Store on Amazon or contact DEWALT customer service.

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