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› DeWalt DCB112-QW XR Lithium-Ion Multi-Voltage Battery Charger Instruction Manual

DEWALT DCB112-QW

DeWalt DCB112-QW XR Lithium-Ion Multi-Voltage Battery Charger Instruction Manual

Model: DCB112-QW | Brand: DEWALT

INTRODUCTION

Thank you for choosing the DeWalt DCB112-QW XR Lithium-Ion Multi-Voltage Battery Charger. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your charger. Please read it thoroughly before use and keep it for future reference.

This charger is designed for the new XR Lithium-Ion platform, capable of charging 10.8V, 14.4V, and 18V batteries. It features a 2-stage DEWALT charging system that maximizes battery runtime and extends its lifespan. An LED indicator communicates the battery status: charging, battery issue, high or low temperature, and charge complete.



Image 1: DeWalt DCB112-QW XR Lithium-Ion Multi-Voltage Battery Charger. This image shows the front view of the charger with its distinct yellow and black casing, featuring the DeWalt logo and a battery slot.

IMPORTANT SAFETY INSTRUCTIONS

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

- Do not charge non-rechargeable batteries.
- Do not expose the charger to rain or wet conditions.
- Use only DEWALT batteries with this charger.
- Do not attempt to charge batteries in temperatures below 4°C (40°F) or above 40°C (104°F).
- Ensure the charger is unplugged before cleaning or maintenance.
- Do not operate the charger if it has received a sharp blow, been dropped, or otherwise damaged.
- Keep the charger away from children.

SETUP

1. **Unpacking:** Carefully remove the charger from its packaging. Inspect for any damage that may have occurred during shipping.
2. **Power Connection:** Plug the charger into a suitable power outlet. Ensure the outlet voltage matches the charger's requirements.
3. **Placement:** Place the charger on a stable, flat surface in a well-ventilated area, away from direct sunlight and heat sources.

OPERATING INSTRUCTIONS

Charging a Battery

1. Ensure the charger is plugged into a working power outlet.
2. Insert the DEWALT XR Lithium-Ion battery into the charger, aligning the battery with the charger's slot. Push firmly until it clicks into place.
3. Observe the LED indicator on the charger.

LED Indicator Status

LED Indicator	Status
Solid Red	Battery is charging.
Flashing Red (fast)	Battery is too hot or too cold. Charging will begin when the battery reaches an acceptable temperature.
Flashing Red (slow)	Battery pack is faulty or damaged. Do not attempt to charge.
Solid Green	Charging complete.

Charging Time: A 1.3Ah battery typically charges in approximately 40 minutes.

MAINTENANCE

- **Cleaning:** Disconnect the charger from the power supply before cleaning. Use a dry or slightly damp cloth to wipe the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the charger in a dry, cool place, away from direct sunlight and moisture.
- **Inspection:** Periodically inspect the charger and its cord for any signs of damage. If damage is found, discontinue use and contact customer support.

TROUBLESHOOTING

Common Issues and Solutions

- **Charger not working:**
 - Check if the charger is properly plugged into a live power outlet.
 - Ensure the power outlet is functional.

- **Battery not charging (LED flashing fast red):**

- The battery might be too hot or too cold. Move the battery and charger to a room temperature environment and allow it to acclimate. Charging will resume automatically.

- **Battery not charging (LED flashing slow red):**

- This indicates a faulty or damaged battery. Do not attempt to charge it. Replace the battery.

- **Battery not fitting into charger:**

- Ensure you are using a compatible DEWALT XR Lithium-Ion battery (10.8V, 14.4V, or 18V).
- Check for any obstructions in the battery slot or on the battery itself.

SPECIFICATIONS

Feature	Detail
Model	DCB112-QW
Compatible Battery Voltage	10.8V, 14.4V, 18V XR Lithium-Ion
Charging Current	2.0 A
Charging Time (1.3Ah battery)	Approximately 40 minutes
Dimensions (L x W x H)	145 mm x 115 mm x 65 mm
Weight	0.36 kg (360 Grams)

WARRANTY AND SUPPORT

DEWALT provides a limited warranty for its products. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official DEWALT website.

Spare Parts Availability: EU spare parts are available for a period of 1 year from the date of purchase.

For technical support, service, or to locate an authorized service center, please visit the [DEWALT Store](#) or contact DEWALT customer service in your region.

