

Qbmel DC9310

Qbmel DC9310 Fast Charger Instruction Manual

FOR DEWALT 7.2V-18V NiCd/NiMH BATTERIES

Model: DC9310 | Brand: Qbmel

1. Introduction

Thank you for choosing the Qbmel DC9310 Fast Charger. This manual provides essential information for the safe and efficient operation of your charger. Please read it thoroughly before use and retain it for future reference.

The DC9310 is designed to quickly charge DEWALT 7.2V-18V NiCd and NiMH battery packs. It features multiple safety protections to ensure reliable performance.

2. Important Safety Instructions

WARNING: To reduce the risk of injury, always follow these safety precautions.

- **DO NOT CHARGE LITHIUM-ION BATTERIES.** This charger is exclusively for DEWALT 7.2V-18V NiCd and NiMH battery packs. Attempting to charge Lithium-ion batteries may result in fire, personal injury, or damage to the charger and battery.
- **RISK OF ELECTRIC SHOCK.** Do not probe with conductive objects. Do not expose the charger to rain or wet conditions. Use only in dry locations.
- **DO NOT CHARGE DAMAGED BATTERY PACKS.** Replace immediately if a battery pack is damaged.
- **DO NOT OPEN THE CHARGER CASING.** There are no user-serviceable parts inside. Refer servicing to qualified personnel.
- Ensure proper ventilation during charging. Do not block the ventilation slots.
- Unplug the charger from the power outlet when not in use or before cleaning.
- Keep the charger away from children and pets.



Image: Bottom view of the charger displaying critical safety warnings and product specifications.

3. Product Features

- **Wide Compatibility:** Charges DEWALT 7.2V, 9.6V, 12V, 14.4V, and 18V NiCd & NiMH battery packs.
- **Fast Charging:** Capable of charging a 4.0Ah battery in approximately 1 hour.
- **Advanced Safety Protections:** Built-in safeguards against overcharge, overcurrent, overvoltage, and overtemperature.
- **Efficient Cooling System:** Integrated rapid cooling system maintains optimal charging temperature (4°C to 40°C).
- **LED Indicator:** Provides clear status updates on charging progress and potential issues.
- **Durable Design:** Constructed for stable heat dissipation and long-term reliability.
- **Certified Safety:** Complies with FCC, RoHS, and CE security testing standards.

Optimum Charging System

regulates thermal, voltage and current during charging cycle

Cooling System

Power Display

indicates condition of battery and current charge level



Compatible with Dewalt 18-Volt XRP

Cordless Power Tools Battery Packs

- ✓ DC9096 ✓ DC9098 ✓ DC9099
- ✓ DW9095 ✓ DW9096 ✓ DW9098
- ✓ DW9099 ✓ DE9095 ✓ DE9096
- ✓ DE9098 ✓ DW9071 ✓ DW9057
- ✓ Other DEWALT 7.2V/12V/14.4V/18V
NiCad & NiMH Battery



Image: Overview of the charger's features, including its optimum charging system, cooling, and compatibility with DEWALT NiCd/NiMH batteries.

Safety protection



Image: Visual representation of the charger's integrated safety protections.

4. Setup

1. **Unpack:** Carefully remove the charger from its packaging.
2. **Inspect:** Check the charger for any signs of damage. Do not use if damaged.
3. **Placement:** Place the charger on a stable, flat, non-flammable surface in a well-ventilated area, away from direct sunlight and moisture.
4. **Power Connection:** Plug the charger's power cord into a standard 100-240V AC electrical outlet.



Image: The Qbmel DC9310 charger, ready for connection to a power source.

5. Operating Instructions

Follow these steps to charge your compatible DEWALT NiCd/NiMH battery pack:

1. Ensure the charger is plugged into a working power outlet.
2. Align the battery pack with the charger's interface and slide it firmly into place until it clicks.

3. Observe the LED indicator for charging status:

- **Red Light Flashing:** Battery is charging normally.
- **Red Light Solid:** Battery is fully charged.
- **Red & Green Light Flashing Alternately:** Indicates an abnormal temperature or a damaged battery. Refer to the Troubleshooting section.

4. Once fully charged (solid red light), remove the battery pack from the charger.

5. Unplug the charger from the power outlet when not in use.



Image: The charger demonstrating compatibility with different voltage DEWALT NiCd/NiMH battery packs.

LED Indicator Display



- Red Light Flashing----- Charging Normally
- Red Light Solid----- Fully charged
- Red Light&Green Light Flashing Alternately----- Abnormal Temperature

Image: The LED indicator display and its meanings during the charging process.



Image: Highlighting the precise battery interface and the integrated cooling system for efficient charging.

6. Maintenance

- **Cleaning:** Disconnect the charger from the power supply before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use abrasive cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place when not in use. Avoid extreme temperatures.
- **Cord Care:** Do not pull the charger by its cord. Always grasp the plug when disconnecting from the outlet. Inspect the cord for damage regularly.

7. Troubleshooting

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Red & Green LED Flashing Alternately	Abnormal battery temperature (too hot or too cold) or damaged battery.	Remove battery, allow it to reach room temperature (4°C to 40°C). Reinsert. If issue persists, the battery may be damaged and needs replacement.
Battery not charging (no LED activity or incorrect LED)	Charger not plugged in, faulty outlet, poor battery connection, incompatible battery, or damaged battery/charger.	Check power connection. Try a different outlet. Ensure battery is fully seated. Verify battery is a compatible DEWALT NiCd/NiMH type. If problem persists, contact support.
Slow charging	Battery capacity is very high, or environmental factors.	Ensure charger is in a well-ventilated area. Charging time for a 4.0Ah battery is approximately 1 hour. Larger capacity batteries will take longer.

8. Specifications

Feature	Detail
Model	DC9310
Input Voltage	100-240V AC, 50/60 Hz
Output Current	2.0 Amps DC
Compatible Battery Types	DEWALT 7.2V-18V NiCd & NiMH (Not for Lithium-ion)
Optimal Charging Temperature	4°C to 40°C (39°F to 105°F)
Approx. Charging Time (4.0Ah)	1 hour
Dimensions (L x W x H)	6.89 x 5.2 x 3.7 inches
Weight	14.9 ounces (0.42 Kilograms)
Certifications	FCC, RoHS, CE

9. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact Qbmel customer service through your purchase platform. Please have your model number (DC9310) and purchase details ready.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Why does the green light on my Qbmel DC9310 charger start blinking when I insert a 9.6V Firestorm PS120 battery that has been sitting for a long time?

Based on the Qbmel DC9310 manual and the behavior you described, here is an explanation of the indicator lights and potential causes for your 9.6V battery issue:Indicator Meanings: According to the manual, a flashing...

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