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Pomya Pomyanct5pzi0hg-01

Pomya Universal Fast Lithium Battery Charger User Manual

For 10.8V-12V Batteries (DC10WD, DC10SB, DC10WC, BL1015, BL1016, BL1021B, BL1041B)

1. Safety Instructions

Please read and understand all safety instructions before using the charger. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Indoor Use Only:** This charger is designed for indoor use. Do not expose it to rain or wet conditions.
- **Proper Ventilation:** Ensure adequate ventilation around the charger during operation. Do not cover the charger or block any ventilation openings.
- **Correct Voltage:** Connect the charger only to a power supply with the voltage specified on the charger's label (AC100-260V).
- **Avoid Damaged Batteries:** Do not attempt to charge damaged, leaking, or non-rechargeable batteries.
- **Supervision:** Do not leave the charger unattended while in use.
- **Disconnect Power:** Always unplug the charger from the power outlet before cleaning or when not in use.
- **Keep Away from Children:** Store the charger and batteries out of reach of children.
- **Temperature:** Do not operate the charger in extremely hot or cold environments.

2. Product Overview

The Pomya Universal Fast Lithium Battery Charger is designed to efficiently charge 10.8V and 12V lithium-ion batteries. It features an LED display for monitoring battery status and is compatible with various battery models.



Figure 2.1: Front and back view of the charger, showing the battery slot and input/output details.

Compatible Battery Models:

- DC10WD
- DC10SB
- DC10WC
- BL1015
- BL1016
- BL1021B
- BL1041B



Figure 2.2: The charger is suitable for Makita 10.8V / 12V lithium batteries.

▶ **Watch video online**
Fast Lithium Battery Charger

Video 2.1: This video demonstrates the physical features and basic handling of the Pomya Universal Fast Lithium Battery Charger, including its design and connection points.

3. Specifications

Refer to the following specifications for detailed information about your charger:

Feature	Specification
Type	Battery Charger
Input Voltage	AC100-260V
Output Voltage	10.8V - 12V (max)

Feature	Specification
Output Current	1.3A / 2A / 3A (max)
Product Dimensions	4.72 x 1.97 x 5.91 inches
Item Weight	11.6 ounces (Approx. 330g)
Model Number	Pomyanct5pzi0hg-01

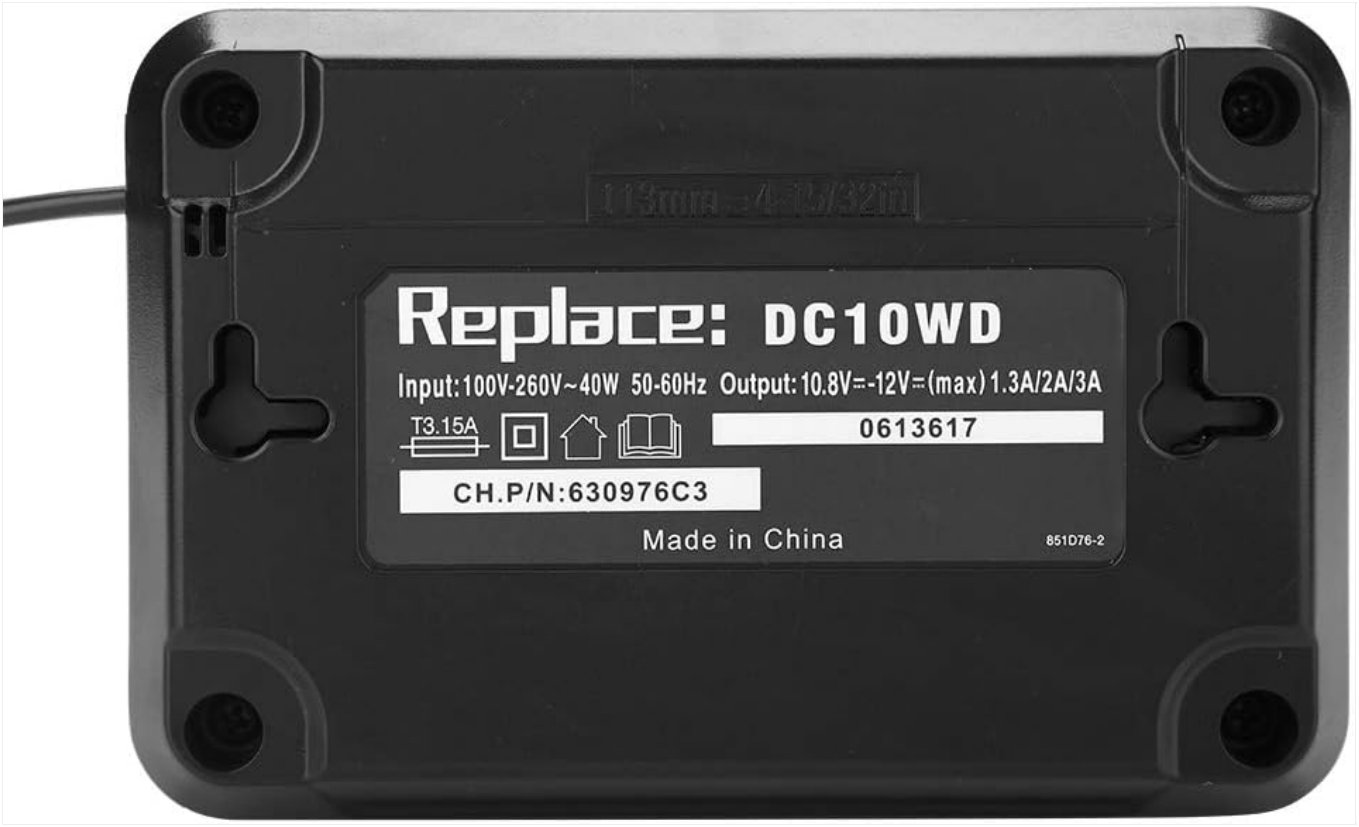


Figure 3.1: Back label of the charger detailing electrical specifications and model information.

4. Setup

Follow these steps to set up your battery charger:

1. **Connect to Power:** Plug the charger's power cord into a standard AC wall outlet (100-260V). The charger's LED indicator should show a green flashing light, indicating it is plugged in and ready.
2. **Insert Battery:** Align the battery with the charger's slot and slide it in until it clicks securely into place. Ensure proper contact between the battery terminals and the charger terminals.

5. Operating Instructions

Once the battery is properly inserted, the charger will begin the charging process. Monitor the LED indicators for status updates.

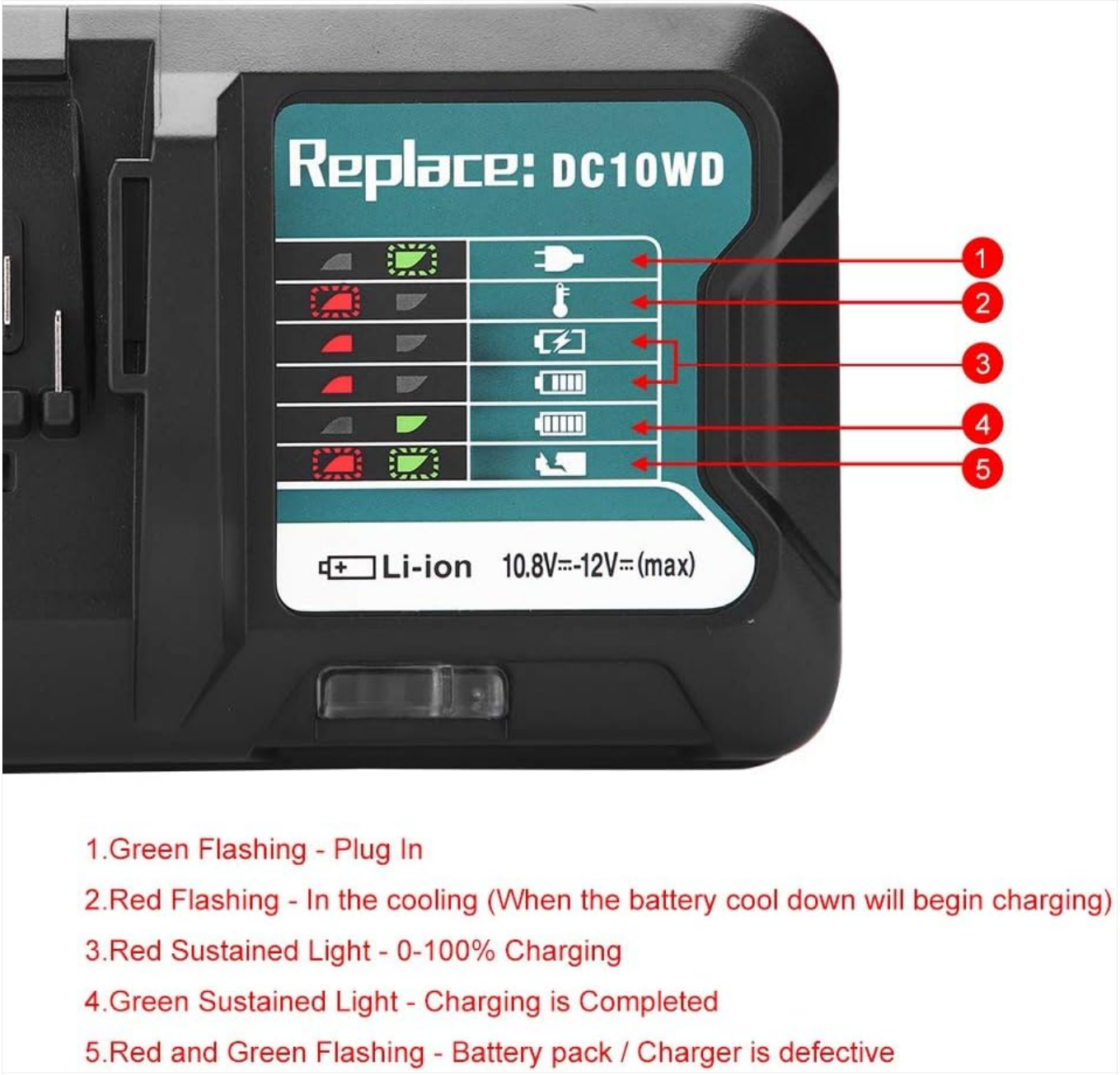


Figure 5.1: Detailed view of the LED indicator panel and its corresponding status explanations.

LED Indicator Meanings:

1. **Green Flashing:** Charger is plugged in and ready.
2. **Red Flashing:** The battery is cooling down. Charging will begin once the battery reaches an optimal temperature.
3. **Red Sustained Light:** The battery is currently charging (0-100% charged).
4. **Green Sustained Light:** Charging is completed. The battery is fully charged.
5. **Red and Green Flashing:** Indicates a defective battery pack or charger.

Once charging is complete (Green Sustained Light), remove the battery from the charger and unplug the charger from the power outlet.

6. Maintenance

Proper maintenance ensures the longevity and safe operation of your charger:

- **Cleaning:** Disconnect the charger from the power supply before cleaning. Use a soft, dry cloth to wipe the exterior of the charger. Do not use abrasive cleaners or solvents.

- **Storage:** When not in use, store the charger in a dry, cool place, away from direct sunlight and moisture.
- **Inspection:** Periodically inspect the power cord and charger housing for any signs of damage. If damage is found, discontinue use and contact customer support.

7. Troubleshooting

If you encounter issues with your charger, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Charger not turning on (no LED activity)	No power supply; faulty outlet; damaged charger.	Check power connection; try a different outlet; inspect charger for damage.
Red Flashing LED	Battery is too hot or too cold to charge.	Allow battery to reach room temperature before charging. Charging will resume automatically.
Red and Green Flashing LED	Defective battery pack or charger malfunction.	Try charging a different, known-good battery. If the issue persists, the charger or battery may be defective. Contact customer support.
Battery not charging (Red Sustained Light does not appear)	Battery not properly seated; incompatible battery; battery deeply discharged.	Re-seat the battery firmly; ensure battery is compatible; some deeply discharged batteries may take longer to initiate charging or may be unrecoverable.

8. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.

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