

## DLYFULL B2-Black, B1L

# DLYFULL B2-Black and B1L Battery Testers User Manual

Comprehensive Instructions for Optimal Performance

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your DLYFULL B2-Black Battery Tester and DLYFULL B1L Small Battery Tester. These devices are designed to accurately assess the charge level and health of various battery types, helping you identify good, weak, or depleted batteries. Please read this manual thoroughly before operating the testers.

## 2. PRODUCT OVERVIEW

The DLYFULL B2-Black and B1L are essential tools for managing your household batteries. They offer compatibility with a wide range of battery sizes and types, providing clear indications of battery status.

### 2.1 DLYFULL B2-Black Battery Tester

The B2-Black is a versatile battery tester featuring a clear LCD screen for displaying battery health. It supports a broad spectrum of cylindrical and specialized batteries.

- **Compatible Battery Types:** AA, AAA, C, CR123A, D, 9V, N, CR2, CRV3, 2CR5, CR-P2 cylindrical batteries, and various button cell batteries.
- **Display:** Crisp LCD screen indicating battery status as Poor, Weak, or Good.

## Works with 12 Different Battery Sizes

### Cylindrical Batteries



D size



C size



AA



AAA



CR2



N size



CR123A

### Special Batteries



2CR5



CR-P2



CR-V3

### Button cell



3V/6V Li-ion  
Batteries



1.5V cells

### 9V Batteries



9V Batteries



Image: The DLYFULL B2-Black Battery Tester displaying the various cylindrical (D, C, AA, AAA, CR2, N, CR123A), special (2CR5, CR-P2, CR-V3), button cell, and 9V battery types it can test.

## 2.2 DLYFULL B1L Small Battery Tester

The B1L is a compact and portable battery checker designed for quick and easy testing of common household batteries. It features an analog meter for status indication.

- **Compatible Battery Types:** 1.5V AAA, AA, C, D alkaline batteries, 9V batteries, and button-cell batteries.
- **Display:** Analog meter with color-coded zones (red, yellow, green) for battery status.
- **Portability:** Lightweight and compact design for easy carrying and storage.

# Suitable for Various Batteries

## Alkaline Cylindrical Battery



D



C



AA



AAA

## Button Cell Batteries



1.5V Cell

## 9V Batteries



9V Batteries



Image: The DLYFULL B1L Small Battery Tester illustrating the types of batteries it can test, including D, C, AA, AAA alkaline batteries, button cells, and 9V batteries.



Image: The DLYFULL B2-Black and B1L Battery Testers displayed together with an AAA battery, showcasing the two products included in the package.

### 3. SETUP

The DLYFULL B1L Battery Tester operates passively and does not require any internal power source. The DLYFULL B2-Black Battery Tester requires one AAA battery for its LCD display. An AAA battery is included with your purchase.

1. **For DLYFULL B2-Black:** Locate the battery compartment on the back of the B2-Black tester. Insert one 1.5V AAA alkaline battery, ensuring correct polarity (+/-). Close the battery compartment cover securely.
2. No further setup is required for either device before use.

### 4. OPERATING INSTRUCTIONS

#### 4.1 Using the DLYFULL B2-Black Battery Tester

The B2-Black tester provides a digital readout of battery health.

1. **Identify Battery Type:** Locate the appropriate slot or contact points on the B2-Black tester for your

battery type (e.g., cylindrical, 9V, button cell).

2. **Insert Battery:** Carefully insert the battery into the designated slot or press it against the contact points, ensuring correct polarity.
3. **Read Display:** The LCD screen will illuminate and display the battery's health status:
  - **POOR:** The battery is depleted and should be replaced or recharged.
  - **WEAK:** The battery has low power and may need replacement soon.
  - **GOOD:** The battery has adequate power.
4. **Remove Battery:** Once the reading is stable, remove the battery from the tester.

## Easy-to-Read LCD Screen

Clearly shows what you need to know  
about your batteries' health



Image: Close-up of the DLYFULL B2-Black's LCD screen, illustrating the "Poor," "Weak," and "Good" indicators for battery health.



Test 9v Battery

Test the Button Cell



Cylindrical Battery Test

Image: Visual examples of testing a 9V battery, a button cell battery, and a cylindrical battery using the DLYFULL B2-Black tester.

## 4.2 Using the DLYFULL B1L Small Battery Tester

The B1L tester uses an analog needle to indicate battery strength.

1. **Identify Battery Type:** The B1L has specific contact points for 1.5V cylindrical batteries (AAA, AA, C, D), 9V batteries, and button cells.
2. **Insert Battery:**
  - For 1.5V cylindrical batteries: Place the battery between the two red adjustable arms, ensuring the positive (+) and negative (-) terminals align with the tester's contacts.
  - For 9V batteries: Press the battery terminals against the two small metal contacts at the top of the tester.
  - For button cells: Place the button cell in the designated slot or against the contacts.
3. **Read Analog Meter:** The needle on the meter will move to indicate the battery's charge level:
  - **Red Zone (Replace):** The battery is depleted.
  - **Yellow Zone (Low Power):** The battery has low power.
  - **Green Zone (Good):** The battery has adequate power.



4. **Remove Battery:** Once the reading is stable, remove the battery.

## Quickly Test Button Cell Batteries and 9V Batteries



Image: A series of images demonstrating how to test various battery types, including 1.5V cylindrical batteries, 9V batteries, and button cells, using the DLYFULL B1L tester.

## Voltage Range Description

Battery Size	1.5V	9V
Good	1.5V-1.28V	9V-7.8V
Low Power	1.27V-1.15V	7.7V-6V
Replace	Below 1.15 V	Below 6V



Image: A table detailing the voltage ranges for "Good," "Low Power," and "Replace" statuses for both 1.5V and 9V batteries as indicated by the DLYFULL B1L tester.

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## 5. MAINTENANCE

To ensure the longevity and accurate performance of your DLYFULL battery testers, follow these maintenance guidelines:

- **Cleaning:** Wipe the testers with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the testers in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Replacement (B2-Black):** If the LCD display on the B2-Black becomes dim or unresponsive, replace the internal AAA battery.



- **Avoid Moisture:** Do not expose the testers to water or high humidity.
- **Handle with Care:** Avoid dropping or subjecting the testers to strong impacts.

## 6. TROUBLESHOOTING

If you encounter issues with your DLYFULL battery testers, refer to the following common problems and solutions:

- **No Reading on B2-Black LCD:**
  - Ensure the AAA battery in the B2-Black is correctly inserted with proper polarity.
  - Replace the AAA battery if it is depleted.
  - Verify the battery being tested is making proper contact with the tester's terminals.
- **No Movement on B1L Analog Meter:**
  - Ensure the battery being tested is making proper contact with the tester's terminals.
  - The battery may be completely dead. Try testing a known good battery to confirm tester functionality.
- **Inaccurate Readings:**
  - Ensure the battery terminals are clean and free of corrosion.
  - Confirm the battery type matches the intended testing method for each tester.
  - Avoid testing batteries that are extremely hot or cold, as this can affect readings.

If problems persist, please contact DLYFULL customer support.

## 7. SPECIFICATIONS

Feature	DLYFULL B2-Black	DLYFULL B1L
Model Number	B2-Black	B1L
Brand	DLYFULL	
Power Source	1x AAA Battery (for LCD)	Passive (no internal battery required)
Min. Operating Voltage	1.5 Volts (DC)	
Display Type	LCD Screen	Analog Meter
Compatible Battery Types	AA, AAA, C, CR123A, D, 9V, N, CR2, CRV3, 2CR5, CR-P2, Button Cells	1.5V AAA, AA, C, D, 9V, Button Cells
Dimensions (B1L only)	N/A	Approx. 109mm x 40mm x 25mm (4.3in x 1.6in x 1.0in)

## Compact and Portable One-Handed Operation

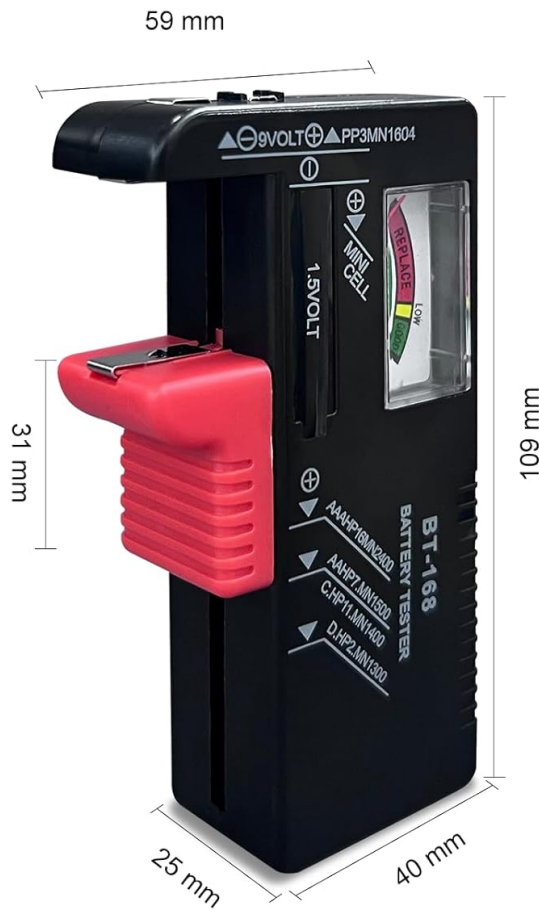


Image: Detailed dimensions of the DLYFULL B1L Small Battery Tester, showing its compact size of 109mm in length, 40mm in width, and 25mm in thickness.

## 8. WARRANTY AND SUPPORT

DLYFULL provides an extensive **18-month warranty** for your battery testers, ensuring peace of mind with your purchase. Additionally, lifelong **24/7 premium customer support** is available to assist you with any questions or issues.

For support or warranty claims, please visit the official DLYFULL store or contact their customer service directly.

[Visit the DLYFULL Store](#)