

## DLYFULL B3

# Dlyfull B3 Multi-functional Battery Tester User Manual

Model: B3

## 1. PRODUCT OVERVIEW

The Dlyfull B3 is a versatile and high-precision battery checker designed to accurately measure the remaining capacity, voltage, and internal resistance of various battery types. It provides comprehensive information on battery health, making it an essential tool for managing your household batteries.



Figure 1: Dlyfull B3 Multi-functional Battery Tester. This image shows the front view of the battery tester, highlighting its LCD screen and rotary dial, along with the red and black test probes.



- ① テスト日付情報のためのLCDディスプレイ
- ② パーセンテージ電力容量の表示器
- ③ バッテリー電圧
- ④ テスターの電源用バッテリー
- ⑤ バッテリー抵抗
- ⑥ スイフトの選択
- ⑦ 電源供給のための2つのバッテリースロットの位置

Figure 2: Dlyfull B3 Labeled Diagram. This diagram illustrates the key components of the Dlyfull B3, including (1) LCD display for test data, (2) percentage capacity indicator, (3) battery voltage, (4) tester's power battery, (5) battery resistance, (6) selection switch, and (7) location of two battery slots for power supply.

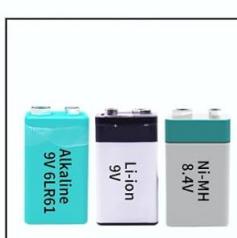
## 2. FEATURES

### 2.1 Wide Battery Compatibility

The Dlyfull B3 supports a wide range of battery types, making it a versatile tool for various applications. It is compatible with over 11 types of batteries.

# 幅広い互換性

11種類を超えるバッテリータイプに対応



電圧	バッテリータイプ
1.2V	ニッケル水素充電池：単1形, 単2形, 単3形, 単4形, 単形CR2, 単5形, 単形CR123A, など
1.45V	補聴器電池: コイン電池
1.5V	アルカリ乾電池
1.5V	アルカリコイン乾電池
3.0V	リチウムcd円筒電池
3.0V	リチウムコイン電池
3.2V	ニッケル水素電池
3.7V	リチウム電池: 18700, 18650, 18500, 18490, 18350, 17670, 17650, 17500, 17350, 16650, 16340(123A), 26650, 32650, など
6.0V	リチウム電池: CR-P2, 2CR5, etc
9.0V	アルカリ/ニッケル水素/リチウム電池: 6LR661, など
12V	アルカリ乾電池: 23A, 27A, など

Figure 3: Battery Compatibility Chart. This chart details the various battery voltages and types supported by the Dlyfull B3, such as 1.2V Nickel-Hydrogen, 1.5V Alkaline, 3.0V Lithium Coin, 3.7V Lithium-Ion, and 9.0V Alkaline/Nickel-Hydrogen batteries.

## 2.2 LCD Display for Comprehensive Data

The intelligent LCD display provides clear and accurate readings of battery percentage, voltage, and internal resistance. It displays information precisely to two decimal places for accurate monitoring of battery status.

# 大型液晶ディスプレイ

バッテリーの寿命を延ばすために、  
バッテリーの多くの電力をすばやく見つけます



Figure 4: LCD Display in Action. The image shows the Dylfull B3's large LCD screen actively displaying battery voltage, power percentage, and resistance parameters, providing a clear overview of the battery's condition.

## 2.3 High-Quality Test Probes

Equipped with flexible and excellent copper test pins, the Dylfull B3 ensures more accurate parameter measurements during testing. Unlike ordinary sharp metal pins, these adjustable probes maintain stable contact, reducing measurement errors.

# 高品質のテストピン

柔軟で優れた銅テストピンにより、  
パラメーターをより正確に保証

## 私たちのもの



調整可能なテストピン  
を備えた優れた銅  
線により、テスト中  
のより正確なバッテ  
リパラメータが保証  
されます。

## その他



一般的なテストピンは  
鋭い先の尖った普通の  
金属でできており、内  
部抵抗が高く、テスト中  
のバッテリーの精度に  
影響します。

Figure 5: High-Quality Test Pins. This image compares the Dlyfull B3's adjustable copper test pins (left) with conventional sharp metal pins (right), highlighting the superior design for accurate and stable contact.

## 2.4 Self-Check Function

The device includes a self-check feature. By opening the back cover and inserting the included 1.5V AAA battery, the battery's remaining capacity is displayed in the upper right corner of the LCD screen, allowing for quick assessment of the internal battery's charge. This ensures simple, convenient, and durable operation.

## 3. PACKAGE CONTENTS

- Dlyfull B3 Battery Checker x1
- 1.5V AAA Batteries x2 (pre-installed)
- Instruction Manual x1

## 4. SETUP

Before first use, ensure the internal 1.5V AAA batteries are properly installed. These batteries power the tester's LCD display and internal circuitry.

1. Locate the battery compartment on the back of the Dlyfull B3.
2. Open the battery compartment cover.
3. Verify that the two 1.5V AAA batteries are correctly inserted with the correct polarity (+/-).
4. Close the battery compartment cover securely.

## 5. OPERATION

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Follow these steps to accurately test your batteries:

1. **Select Battery Type:** Rotate the central dial on the Dlyfull B3 to match the voltage and type of the battery you intend to test. Ensure the selected setting corresponds accurately to your battery (e.g., 1.5V ALK for alkaline batteries, 3.7V Li-ion for lithium-ion batteries).
2. **Connect Test Probes:**
  - Connect the **red** test probe to the positive (+) terminal of the battery.
  - Connect the **black** test probe to the negative (-) terminal of the battery.

Ensure firm and stable contact between the probes and the battery terminals.
3. **Read Measurements:** Hold the probes in place for approximately 2 seconds. The LCD screen will display the following information:
  - **Voltage (V):** The current voltage of the battery.
  - **Internal Resistance ( $\Omega$ ):** The internal resistance value of the battery.
  - **Remaining Capacity (%):** An estimated percentage of the battery's remaining charge.
4. **Interpret Results:** Use the displayed information to assess the battery's health. A low voltage, high internal resistance, or low remaining capacity may indicate that the battery needs to be recharged or replaced.



ディスプレイには電圧と抵抗が表示されます、シンプルで便利。

ロータリーダイヤルをテ  
ストするバッテリーの



バッテリーとテストピンの  
間に接続された接点を維持します

Figure 6: Operating the Dlyfull B3. This image illustrates the two main steps of operation: selecting the battery type using the rotary dial and connecting the test probes to a battery for measurement.

## 6. MAINTENANCE

- Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Storage:** Store the Dlyfull B3 in a cool, dry place away from direct sunlight and extreme temperatures.
- Battery Replacement:** If the internal 1.5V AAA batteries that power the tester's display are low, replace them promptly to ensure accurate readings and proper device function.
- Probe Care:** Keep the test probes clean and free of debris to ensure good electrical contact. If terminals are dirty, clean them before testing.

## 7. TROUBLESHOOTING

- No Display/Faint Display:**
  - Check if the internal 1.5V AAA batteries are installed correctly and have sufficient charge. Replace if necessary.
- Inaccurate Readings:**

- Ensure the rotary dial is set to the correct battery type and voltage.
- Verify that the test probes have firm and clean contact with the battery terminals. Clean terminals if dirty.
- Test the device with a known good battery to confirm functionality.

- **Device Not Responding:**

- Remove and reinsert the internal AAA batteries.
- If the issue persists, contact customer support.

## 8. SPECIFICATIONS



Figure 7: Compact Design and Dimensions. This image provides a visual representation of the Dlyfull B3's compact size and includes its approximate dimensions, emphasizing its portability.

Specification	Detail
Brand	DLYFULL
Model Number	B3

Item Weight	220 g
Package Dimensions	17 x 10.6 x 3.6 cm
Color	Black
Style	Rechargeable
Power Source	Battery Powered
Supported Voltages	1.2V, 1.45V, 1.5V, 3V, 3.2V, 3.7V, 6V, 9V, 12V
Batteries Included	Yes (2x AAA for internal power)
Battery Type (Internal)	Alkaline

## 9. WARRANTY AND SUPPORT

The Dlyfull B3 Battery Tester comes with an 18-month warranty from the date of purchase. For any product-related inquiries, technical assistance, or warranty claims, please contact Dlyfull customer service.

- Customer Service:** 24-hour customer service is available to assist you.
- Contact Information:** Please refer to the contact details provided in the product packaging or on the official Dlyfull website for the most up-to-date support channels.

Please retain your purchase receipt as proof of purchase for warranty purposes.