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yueton 5060768824800

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Model: 5060768824800 | Brand: yueton

1. OVERVIEW

The yueton 1-8S Lipo Battery Tester Monitor is a compact device designed to test the working state of lithium batteries and provide a low voltage alarm. It is compatible with 1-8S Lipo, LiFe, LiMn, and Li-ion battery types. The device features a clear LED indicator for voltage display and an adjustable alarm function to prevent over-discharge.

2. SAFETY INFORMATION

- Always connect the battery tester to the balance lead of your battery with correct polarity. Incorrect connection can damage the device and the battery.
- Do not short-circuit the pins of the battery tester.
- Keep the device dry and away from moisture.
- Do not attempt to disassemble or modify the device.
- Use the tester within its specified voltage ranges (0.1V-4.5V per cell, 0.5V-36V total).
- The alarm is intentionally loud to be heard in noisy environments. Exercise caution when connecting in quiet areas.

3. PACKAGE CONTENTS

- 1 x yueton Lipo Battery Tester Monitor

4. PRODUCT FEATURES

- Supports 1-8S Lipo/Li-ion/LiMn/Li-Fe batteries.
- Voltage detection precision: 0.01V.
- Unit voltage display range: 0.1V-4.5V.
- Total voltage display range: 0.5V-36V.
- 1S test mode voltage range: 4.0V-30V.

- Low voltage alarm mode for 2-8S batteries.
- Adjustable alarm set value range: OFF-2.7V-3.8V.
- Integrated LED indicator for clear voltage display.
- Loud buzzer alarm for audible low voltage alerts.

5. SETUP

To set up the yueton Lipo Battery Tester Monitor, simply connect the balance lead of your 1-8S lithium battery to the corresponding pins on the tester. Ensure the polarity is correct. The device will automatically detect the cell count and display the total voltage, then cycle through individual cell voltages.



Figure 1: Front view of the yueton Lipo Battery Tester Monitor. This image shows the device's LED display, the connection pins for the battery balance lead, and text indicating its features and alarm settings.

6. OPERATING INSTRUCTIONS

Once connected, the tester will immediately power on and display the total voltage of the battery. It will then cycle through the voltage of each individual cell. The LED display provides real-time voltage readings.



Figure 2: Rear view of the yueton Lipo Battery Tester Monitor. This image provides a view of the device's internal components, including the two circular buzzers responsible for the audible alarm.

7. SETTING THE ALARM VOLTAGE

The low voltage alarm can be set to a desired threshold. The default pre-set value is 3.3V per cell.

1. Locate the small push button on the top side of the device.
2. Press the button to cycle through the available alarm voltage settings (OFF, 2.7V, 2.8V, ..., 3.8V).
3. Release the button when the desired voltage is displayed. The setting will be automatically saved.

When the voltage of any cell drops below the set alarm value, the device will emit a loud buzzer sound and a red LED light will illuminate, indicating a low voltage condition.

8. MAINTENANCE

- Keep the device clean and free from dust and debris.
- Store in a dry environment when not in use.
- Avoid dropping or subjecting the device to strong impacts.

9. TROUBLESHOOTING

- **Device does not power on:** Ensure the battery is charged and the balance lead is connected correctly with the right polarity. Check for any visible damage to the pins or wires.

- **Alarm is too loud:** The device is designed with a loud alarm for clear audibility in various environments. This is a normal operational characteristic.
- **Inaccurate readings:** Verify that the battery is functioning correctly. If readings remain inconsistent, the device may require replacement.

10. SPECIFICATIONS

Specification	Value
Brand	yueton
Model Number	5060768824800
Power Source	Battery Powered
Style	Digital
Color	Red+Black
Item Weight	9.07 g (0.32 ounces)
Min. Operating Voltage	2.7 Volts
Measurement Type	Voltmeter
Voltage Detection Precision	0.01V
Unit Voltage Display Range	0.1V-4.5V
Total Voltage Display Range	0.5V-36V
1S Test Mode Voltage Range	4.0V-30V
Low Voltage Alarm Mode	For 2-8S batteries
Alarm Set Value Range	OFF-2.7V-3.8V
Dimensions	1.57" x 0.94" (4cm x 2.4cm)

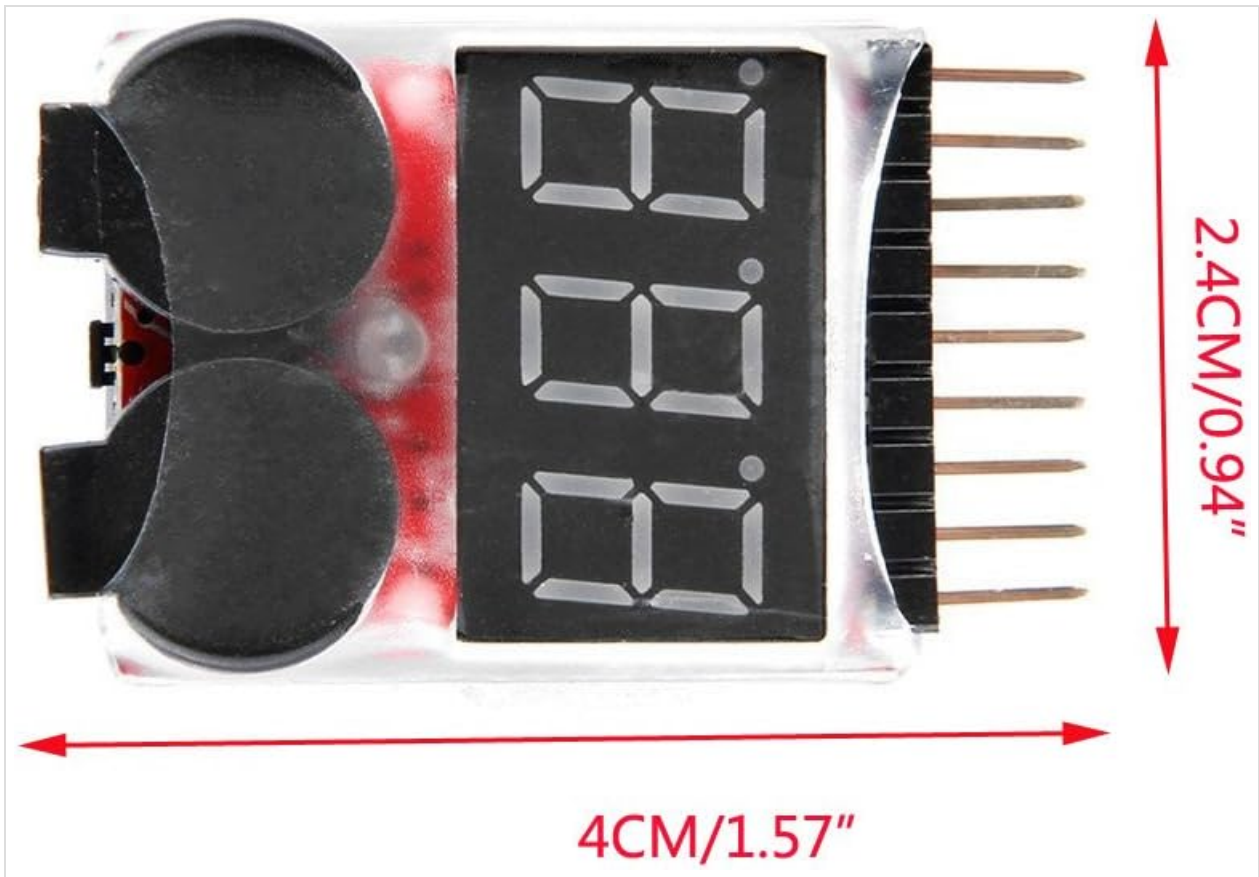


Figure 3: Dimensions of the yueton Lipo Battery Tester Monitor. This image illustrates the physical size of the device, showing its length as 4cm (1.57 inches) and width as 2.4cm (0.94 inches).

11. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available data. For support or warranty inquiries, please contact the retailer or manufacturer directly.