

USB TESTER UNI-T UT658A

The **UNI-T UT658A** is a USB tester designed to measure and monitor various parameters of USB-powered devices. It is commonly used to check voltage, current, power, and capacity of USB chargers, power banks, and other USB devices. Here are some key features and specifications of the UT658A:

Key Features:

1. **Multi-Parameter Measurement:**
 - Measures **voltage (V)**, **current (A)**, **power (W)**, and **capacity (mAh)**.
 - Supports both USB-A and USB-C ports.
2. **Color LCD Display:**
 - Features a clear and easy-to-read color screen for real-time monitoring.
3. **Wide Compatibility:**
 - Works with USB-A and USB-C devices, including smartphones, tablets, power banks, and other USB-powered gadgets.
4. **Data Recording:**
 - Can record and display charging curves, helping users analyze charging performance over time.
5. **Over-Current Protection:**
 - Built-in protection to prevent damage from excessive current.
6. **Compact and Portable:**
 - Lightweight and easy to carry, making it convenient for on-the-go use.
7. **Auto Power-Off:**
 - Automatically turns off after a period of inactivity to save power.

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Specifications:

- **Input Voltage:** 4–24V (USB-A) / 4–24V (USB-C)
- **Current Range:** 0–5A
- **Power Range:** 0–120W
- **Capacity Range:** 0–99999mAh
- **Display:** Color LCD
- **Dimensions:** Compact and portable design
- **Supported Protocols:** USB PD, QC, and other fast-charging protocols.



How to Use:

1. Connect the UT658A between the USB charger and the device you want to test.
2. The screen will display real-time data such as voltage, current, power, and capacity.
3. Use the buttons to navigate through different modes, such as data recording or clearing previous data.

Applications:

- Testing the output of USB chargers and power banks.
- Verifying the charging speed of devices.
- Diagnosing issues with USB cables or ports.
- Monitoring battery capacity during charging.