



DMM UNI-T UT136B+

The **DMM UNI-T UT136B+** is a digital multimeter (DMM) manufactured by UNI-T, a well-known brand in the field of electronic test and measurement tools. The UT136B+ is part of the UT136 series, which is designed for general-purpose electrical and electronic testing. Here's an overview of its features and specifications:

Key Features of the UNI-T UT136B+

1. **Auto-Ranging:** Automatically selects the appropriate measurement range, making it user-friendly for beginners and professionals.
 2. **True RMS:** Measures AC voltage and current accurately, even for non-sinusoidal waveforms.
 3. **Large LCD Display:** Easy-to-read backlit display for clear visibility in low-light conditions.
 4. **Safety Rating:** Complies with CAT III 600V and CAT IV 300V safety standards, ensuring protection against electrical hazards.
 5. **Low Pass Filter (LPF):** Allows accurate measurement of AC voltage and current in variable frequency drive (VFD) environments.
 6. **Data Hold:** Freezes the displayed reading for easy recording.
 7. **Relative Mode:** Allows zeroing out the display to measure relative values.
 8. **Diode Test and Continuity Buzzer:** For checking diodes and circuit continuity with an audible alert.
 9. **Auto Power Off:** Conserves battery life by automatically turning off after a period of inactivity.
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Specifications

- **DC Voltage:** 600mV to 600V



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- **AC Voltage:** 600mV to 600V (True RMS)
 - **DC Current:** 600 μ A to 10A
 - **AC Current:** 600 μ A to 10A (True RMS)
 - **Resistance:** 600 Ω to 60M Ω
 - **Capacitance:** 60nF to 60mF
 - **Frequency:** 10Hz to 10MHz
 - **Temperature:** -40°C to 1000°C (with optional thermocouple)
 - **Battery:** 2 x AAA (included)
 - **Dimensions:** 180 x 85 x 40 mm
 - **Weight:** Approx. 330g (including battery)
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Applications

The UT136B+ is suitable for a wide range of applications, including:

- Home and automotive electrical testing
 - HVAC system diagnostics
 - Industrial maintenance
 - Electronics repair and prototyping
 - Educational purposes
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Pros

- Affordable and reliable for its price range.
- True RMS capability for accurate AC measurements.
- Compact and portable design.
- Good safety ratings for general use.

Cons

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- Limited advanced features compared to higher-end models.
- Not ideal for high-precision scientific or laboratory use.

