

# Digital DC voltmeter Description

## Function Description :

- 1.The voltmeter volume using 0.36 inches of high-quality digital display, measuring range DC DC2.4-30V, break the routine voltmeter, is the latest design ;
- 2.Can work at 3V, 5V, 9V, 12V, 24V , etc., without regulation. With standard wires , easy access to car / battery car / motorcycle -car line ;
- 3.With reverse polarity protection, reverse line will not burn . With fine-tuning , to maximize the value of accurate measurement ;
- 4.Note the use of the maximum input voltage can not exceed 30V, otherwise there is a danger of burning .
- 5.Voltmeter starting voltage is low, the red just 2.4V, yellow only 2.5V, green just 2.6V, 2.8V Blue can only correctly measure .At the same price in two line voltage meter, starting voltage is minimum. This will greatly facilitate the lithium battery, 18650 battery and other users.
- 6.When the voltage is lower than 3.0V, the display brightness is dimmed , but does not affect the correct measurement.
- 7.For best accuracy of measurement, the voltmeter will according to different measuring voltage, the automatic moving the position of the decimal point. In the measurement under 10 v voltage, show two decimal places; When measuring more than 10 v voltage, display a decimal places. That is able to cater for the needs of users on the measurement accuracy , and also cater to the needs of higher voltage measurements .

## USES:

The meter can be used to measure 18650 batteries, cell phone lithium battery, nickel metal hydride batteries and other battery voltage.Can also be measured motorcycle, automobile battery voltage , or voltage measurement for other purposes .

## Technical Parameters

Operating voltage: DC2.4 ~ 30V (with reverse polarity protection)

Detection voltage: DC2.4 ~ 30V

Operating current: <30mA

Display: 0.36 "LED, red yellow green blue (color optional)

Dimensions: 48 × 29 × 22 mm (length X width X high)

Installation hole: 45.5 × 25.5 mm

Measuring rate:  $\geq$  200mS / times

Accuracy: 3 ‰

## **Extreme working conditions**

Minimum operating voltage: +2.4 V

maximum operating voltage: +30 V

Working temperature: -10 ~ +65 °C

Operating Humidity: 10 ~ 80% (non-condensing)

Working pressure: 80 ~ 106kPa

sunlight: No direct exposure

## **Main features:**

- 1.The product has good stability, high precision measurement.
- 2.With a standard size, easy to install.
- 3.Power supply polarity protection circuit uses.

