

# DC VOLTAGE & CURRENT METER



Digital Meter DC  $\sim 100V/10A$  Voltmeter Ammeter Red Led Display Voltage Current Meter DC  $12V 24V$  Tester With Resistive Shunt

## Features:

- Operating voltage: DC  $4.5 \sim 30V$
- Measure voltage: DC  $0 \sim 100V$
- Minimum resolution(V):  $0.1V$
- Measure current : DC  $10A$  (require external shunt)
- Minimum resolution(A):  $0.1A$
- Operating Current:  $< 20mA$
- Display: three  $0.56"$  LED digital tube
- Display color: Red (dual display)
- Dimensions:  $48 \times 29 \times 21mm$
- Mounting cutout:  $40.0 \times 26.0mm$
- Refresh rate: about  $0.1ms$  / times
- Measure accuracy:  $1\%$  ( $\pm 1$  digit)
- Operating temperature:  $-10$  to  $70^\circ C$
- Operating Humidity:  $10$  to  $80\%$  (non-condensing)
- Working pressure:  $10$  to  $106 kPa$
- **Applications:** Suitable for automotive/electric cars/motorcycles battery monitoring or other products voltage current measurement

## Wiring:

- Black line (thin): vacant or buck circuit (module) negative
- Red line (thin): power supply+
- Black line (thick): COM, common measuring
- Red line (thick): PW+, measuring terminal voltage input positive
- Yellow line (thick): IN+, current input+
- (Please refer to the wiring diagrams for more details)

### Notice:

- The voltage between the thin red and thin black lines must be within DC 4.0-30V
- The ammeter can only be connected to the negative of the device under test
- Exceeds 2A, long-term full load working continuously, it is recommended that the measurement side of the leads are directly soldered to the socket
- When the black thin line vacant, it is better to use insulating tape around the exposed part of the wire, to prevent short circuits
- If just be used as a voltmeter, it is recommended that the yellow line and the black line were connected together, to prevent the ammeter digital flashing

### Package include:

- 1 x Digital Voltmeter Ammeter (1 in 1 Digital Tester)
- 1 x 100A/50mV Current Shunt

### Digital Meter DC 4.0-30V/100A Voltmeter Ammeter Red Led Display Voltage Current Meter DC 12V 24V Tester With Resistive Shunt

