DC double display meter specifications

Product features:

1. The two-color dual table compact, can be displayed simultaneously on the same screen voltage, current, with fine-tuning function, you can display the most sophisticated measurement values.

2. The meter supply range: DC4.5 ~ 30V, reverse supply will not burn.

3. Note: The maximum input voltage cannot exceed 30V, otherwise there is the danger of burning.

4. The meter is equipped with five wiring, easy access to cars, electric vehicles, motorcycles, car lines, used to monitor the battery voltage, battery voltage status grasp, can also be used for other products voltage and current measurement purposes.

Technical parameters:

Supply voltage: DC4.5 ~ 30V
Test voltage: 0 ~ 100V,
minimum resolution: 0.1V,
Test current range: maximum 10A,
minimum resolution: 10MA, (built-in crossover)
Working current: ≤ 20MA
Display: 0.28" LED ----
Dimensions: 48 × 29 × 21mm
Installation hole: 45.5 × 26.5mm
Measuring rate: ≥ 300mS / times
Accuracy: 1% (± 1 word)

Extreme working conditions:

- Low Supply Voltage: DC +4.5 V
- Maximum Supply Voltage: DC +30 V
- Working temperature: -15 ℃ ~ +70 ℃
- Operating Humidity: 10 ~ 80% (non-condensing)
- Working pressure: 80 ~ 106kPa
- Sun exposure: no direct exposure

Wiring methods:

This meter is equipped with five lines, please find professionals in strict accordance with the following wiring diagram;
Power meter: two-wire receptacle (thin line)

Thin black line: Header supply ground

The Thin Red Line: positive power meter line

(Note: The voltage between the red and black thin lines can not exceed DC30V)

Test side: three-wire receptacle (thick line)

COM ------ black line: test common (common ground)

PW + ------ Red: positive voltage measurement inputs

IN + ------ Blue Line: current inputs;

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**Wiring diagram for electric vehicles**

1. The ammeter must string at the back of the device under test negative, as shown.
2. 10A within the meter with no shunt can be directly tested.

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This black thin lines do not pick but wrapped with insulation tape exposed conductive part, to prevent short circuits.

Note: The ground voltage must not exceed 4.5-30V
Outside power supply - wiring diagram:
1. The ammeter must string at the back of the device under test negative, as shown.
2. 10A within the meter with no shunt can be directly tested.

Nonisolated - Outside power supply - wiring diagram
1. The ammeter must string at the back of the device under test negative, as shown.
2. 10A within the meter with no shunt can be directly tested.