

Dual Digital Display DC Voltmeter & Ammeter 0-100V 0-10A



An all in one solution for monitoring voltage and current. External shunt included for the 100A model.

Features:

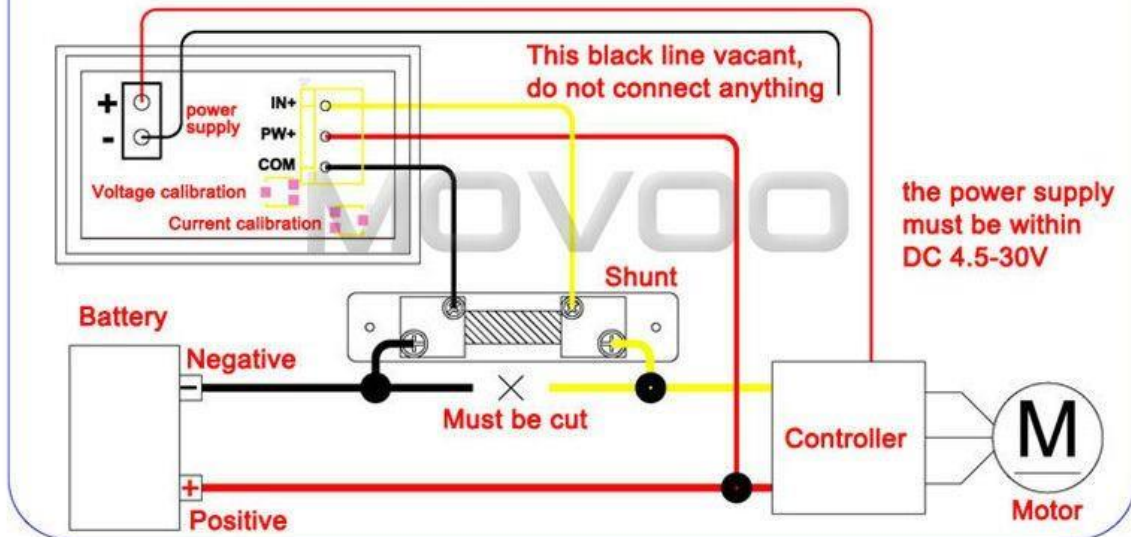
- Operating voltage: DC 4.5 ~ 30V
- Measure voltage: DC 0 ~ 10V
- Minimum resolution(V): 0.1V
- Measure current :100A (external shunt included)
- Minimum resolution(A): 0.01A
- Operating current: <20mA
- Display: three 0.28" LED digital tube
- Display color: Red and Blue (two-color display)
- Dimensions: 48 x 29 x 21mm
- Mounting cutout: 45.5 x 26.5mm
- Refresh rate: about 500ms / times
- Measure accuracy: 1% (± 1 digit)
- Operating temperature: -10 to 65° c
- Operating Humidity: 10 to 80% (non-condensing)
- Working pressure: 80 to 106 kPa

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 4.5-30V
- The ammeter can only be connected to the negative of the device under test
- Exceeds 5A, long-term full load working continuously, it is recommended that the measurement side of the leads are directly soldered to the socket

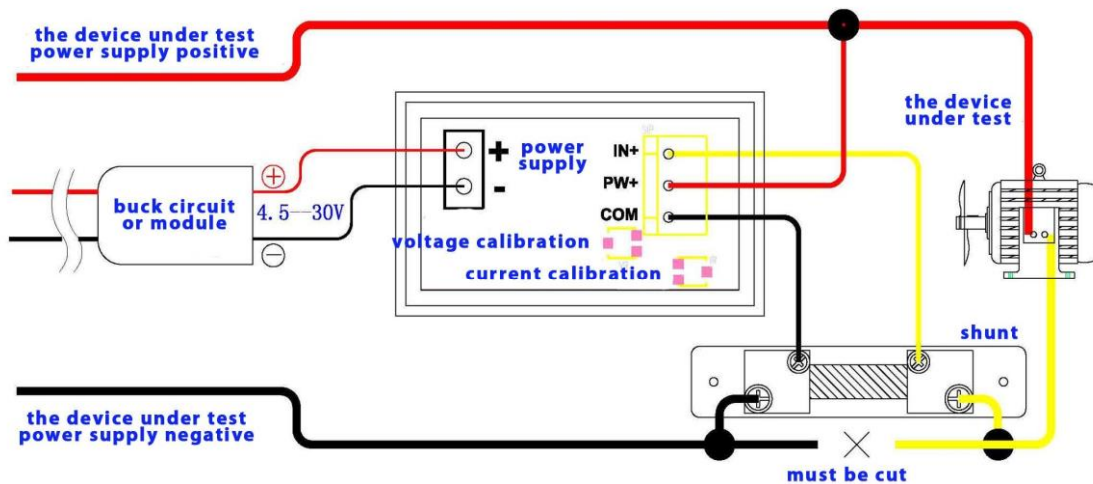
Electric cars wiring diagram

the ammeter connect to the negative of the device under test
10A below ammeter (include 10A) does not require external shunt



Wiring Option 3

The ammeter connects to the negative of the device under test
10A meter does not need external shunt while the 100A type DOES need external shunt



Wiring Diagram 3

