

Multi-Power Battery Tester Instruction

Outline

This document describes the PZEM-005 multifunction tester model specifications, the multifunction tester is mainly used to display the battery voltage, battery level, load current and load resistance.

1. Function description

1.1 Measure the battery voltage

- Range : 2.8 ~ 30.0V_o
- Resolution : 0.1V_o
- Accuracy : 2%_o

1.2 Measure the battery capacity

- Battery capacity is the battery capacity grid form on the LCD display, a total of five grids. Battery capacity is distinguished by the battery voltage.
- Displaying 5 grids stand for full Capacity, 4 grids for 4/5 capacity, 3 grids for 3/5 capacity, 2 grids for 2/5 capacity, 1 grid for 1/5 capacity , 0 grid for 0/5 capacity.
- (Default: 3.7v full capacity, 2.8v is exhausted)
Can be set the full capacity 2.9v-30.0v, the exhausted 2.8v-29.9v.
The setting manual, we will translate it later.

1.3 Measure the current

- Range : 0.0 ~ 10.0A_o
- Resolution : 0.1A_o
- Accuracy : 2%_o

1.4 Measure the resistance of the load

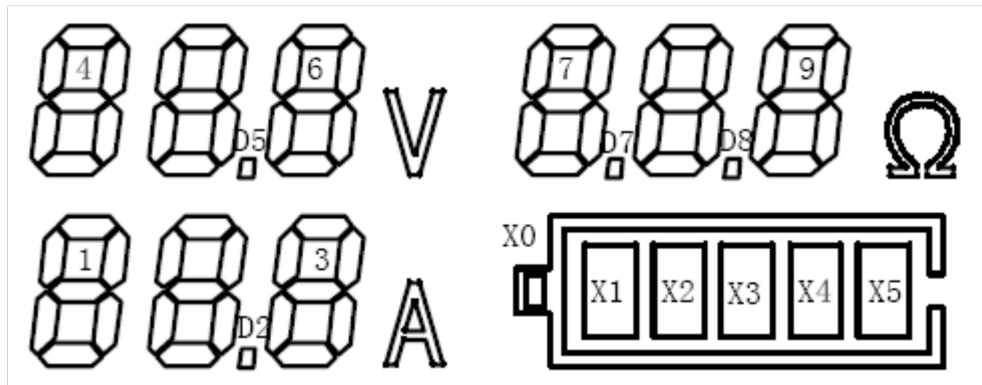
- Range : 0 ~ 999Ω , when over 999Ω display“oL”
- Resolution : when less than 10Ω , resolution is 0.01Ω ,
when less than 100Ω, resolution is 0.1Ω
when less than 1000Ω, resolution is 1Ω

- Accuracy : 2‰

1.5 Back light

Default off-backlight, you can turn on/off the backlight by button

2. LCD display



3. Notes

Battery > 2.8V.

Working temperature: -10°C ~ +40°C.

4. Wiring diagram

