

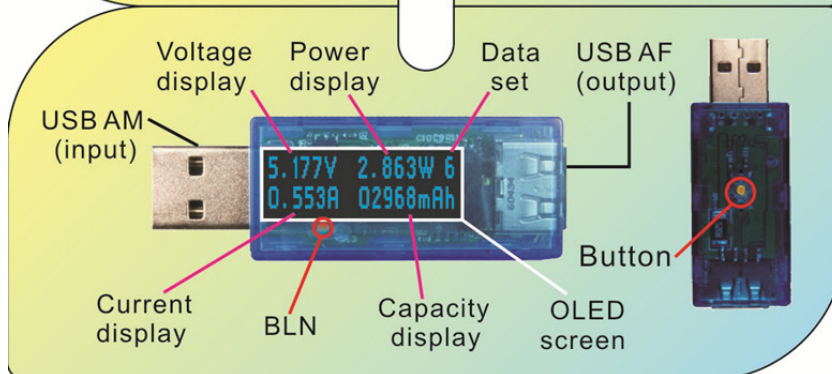
### Brief Summary:

Thank you for purchasing the USB tester meter produced by Hangzhou Ruideng Technologies Co., Ltd. It has OLED screen, used for testing voltage, current, power and capacity of some device with USB. It has two kinds of font color on black case, blue and white for choosing what you like.

**USB single is independent and don't influence normal communication**

### Technical Parameter:

Product model: USB meter (H)  
 Voltage range: DC3.500-7.000V  
 Voltage accuracy:  $\pm (0.2\%+3\text{words})$   
 Current range: DC0.000-3.000A  
 Current accuracy:  $\pm (0.8\%+3\text{words})$   
 Capacity accumulation: 0-99999mAh;  
 0-700Wh  
 Capacity resolution: 1mAh; 1mWh  
 Product weight: 10g (package 30g)  
 Idle discharge: about 10mA  
 Display screen: 0.91" OLED screen  
 Product size: 57mm\*20mm\*10mm  
 Update rate: 2times/s



### Operating instruction

When contact the power supply, the screen shows welcome window firstly and then comes into main interface. The first line displays voltage, power and data set. The second line displays current and accumulated capacity.

Because of the influence of component aging and temperature variation after long-term use, it can be led to a big error when it measures small current. So you can keep pressing button on the back to connect power supply in the no-load terms, until the BLN lights. The calibration is accomplished.

When the voltage is over 5.3V (less than 4.7V), the arrow will be

flashing  $\blacktriangle$  ( $\blacktriangledown$ ) to remind the voltage is too high (low). When the voltage becomes to 4.7v-5.3v, the arrow will be disappeared.

In the main interface, you can click the button to switch data set one by one. And it provides for storing and checking 0 to 9 totally ten groups data set.

When data set is between the 1 to 9 group, the current capacity will be stored after power off. And the stored capacity will be accumulated after power on. When the data set is 0 group, the current capacity will be stored after power off. When power on next time, the stored mAh will be blinking displayed. When the new mAh is up to 1 mAh, the stored mAh will be covered, and the values will start over.

In the main interface, click 2 times the button on the back (the time interval of the 2 times is within 0.5s), then you can get into the data check window and see the capacity of the current data set. In this window, you can click the button to check the next data set, and when you keep pressing the button more than 2s, the current data set will be cleared. And if you click the button 2 times, it will come back to the main interface.

In the main interface, keep pressing the button, until the BLN lights (time about 2s), loose the button, the

capacity between mAh and mWh is switched.

### Shut-down screen function

In the main interface, keep pressing the button about 6s, then loose the button, the screen display can be shut-down and come into power saving mode. In the meaning time, the BLN is flashing. You can click the button to come back to the main interface.



Over voltage and under voltage reminding function



Over-voltage reminding Data set hint Under-voltage reminding

Capacity stored function

MWh displayed in the main interface



### Screen rotation function

In the main interface, keep pressing the button, until the BLN lights and then goes out (time about 4s), loose the button, the screen is rotated and automatically stored for being used next time conveniently.