

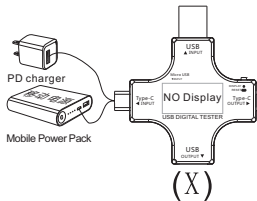
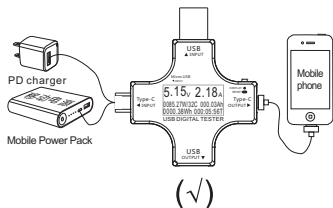
# USB Energy Tester

## - Usage introduction -

### How to test PD charger

Because PD charger (USB-C) has its own PD protocol, if you don't connect a mobile phone with PD protocol, the PD protocol cannot be triggered, and the PD charger cannot work normally, so you need to connect the mobile phone to test, and its protocol works normally!

So: The input is connected to the PD charger, the output is connected to the mobile phone



### Operation introduction:

- 1) Keep Press long time the key: Zero all data(mAh,Wh,00:00:00)
- 2) Double-click the key: for the Capacity(mAH) data reset to zero
- 3) Three-click the key: for the electric quantity(Wh) data reset to zero
- 4) Four-click the key: for the time(00:00:00) data reset to zero
- 5) Five-click the key: Auto-Standby Mode & Timer for discharge alert(1:00~24:00) & OFF
- 6) Single-click to change the window, entering the setup window for high&Low Voltage background light, adjust the parameters by double-clicking or three-clicking, click-holding for continuous and quick adjust.
- 7) Without load, quickly click the key for 7 times, for current data reset to zero(0.00A). It is for Precise calibration in local circumstance, so that the small current could be precisely measured.
- 8) Keep pressing the key when power-off, then power-on, entering the Background setup window for High&Low Voltage over-load, single-click or double-click to adjust the parameters, keep press the key long time to reset to the default setup  
(Note: Please don't calibrate the voltage or current if without standard instruments)

### Specification :

Voltage measuring range: 3.60V ~ 32.0 V	Resolution precision: 0.01 V
Current measuring range: 0.00 ~ 5.10 A	Resolution precision: 0.01 A
Power cumulative range: 0 ~ 999999 MWh	Resolution precision: 0.001 Wh
Power metering range: 0 ~ 299.999 W	Resolution precision: 0.001 W
Timing maximum time: 999 H 59 M 59 S	Resolution precision: 1 S
Time to refresh: > 500 ms/time > 500 ms/times	
Measurement rate: 0.5 times/s	Working temperature: - 10 ~ + 60 °C
Product size: 67 x 60 x 12 mm	Working humidity: 10 ~ 80 (no doubt)
Since the power flow: < 0.015 A	The pressure of work: 80 ~ 106 kpa