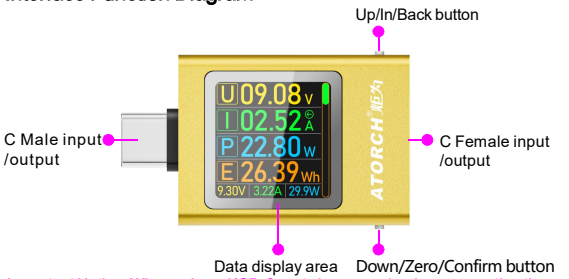
AT085 Product manual

Interface Function Diagram



Important Notice: When using a USB-C port charger, only when connecting the charger and mobile phone at the same time,This meter will light up for display.

Functional operation

Up/In/Back button: Short press the button to scroll up or adjust the value; Long press to enter settings or return functions.(Warm tip: When press and hold this button for the first two pages, the screen display will turn black and white)

Down/Zero/Confirm button: Short press the button to scroll down or adjust the value; On different pages, long press to select capacity Zero , curve pause, confirmation, zero no-load current Other functions.
(Warm tip: Quickly press this key five times to lock the screen display direction Or unlock)

Product parameters

Product Name: Type-C Tester Model: AT085

1)Working voltage: DC 4.5~50V
2)Working current: 0~6A (short-term peak 12A)
3)Self power consumption: <0.15W
4)Power display: 0~600W
5)Sampling resistor: 0.001R
6)Data retention period: T_A=55°C 20year
7)Energy display: 0~9999WH
8)Capacity display: 0~99999mAh
9)Working temperature: 0~45°C/32~113°F
10)Product size: 43mm*25mm*10mm

Frequently asked questions

Question 1: Why does the product not display when plugged into the charger separately?

Answer: The Type-C port of most chargers defaults to no voltage output. At this time, the product has no power supply and no display. The charger will only have voltage output when the load protocol is detected, and the product will only display it at this time.

Question 2: Why can't the test meter measure 10A or 120W on my product charger?

Answer: The values tested by this product are real-time charging parameters during the charging process. The parameters marked on the charger are the maximum power parameters of the product, and not always output such large parameters.

Question 3: Why occasionally displays a current of 0.01-0.02A when the output is not connected to a load?

Answer: This product uses bidirectional current detection, and a small no-load current is a normal phenomenon. However, it can also be reset by quickly touching the current reset interface three times.