

AEO (P1) Wattmeter Manual

Specifications:

Working Temperature Range: -20 °C to 50 °C

Weight: about 57 grams

Dimension: 38x 49x 17mm

Working voltage range:8-30V

Working current range :0-100A (two T-plugs required)

Product Application:

It's designed to measure the power of electronics.

Advertising High Light:

1. Ultra portable. And light
2. calibration of current's standard
3. Data comparing mode.
4. Manual calibration function built-in
5. Using special current sensor. High precision, low resistance.

Brief Introduction:

1. Make sure the wattmeter is series-wound working in the circuit, :“IN”—Input “OUT”—Output LED displays Voltage (U) ,Current (I) and Power (P)
2. Watt display when power on.

Data comparing mode:

Press the blue button after power on, The wattmeter will work on data comparing mode,(HOLD mode)with this function, the wattmeter records: “P” means the max power, Um means min voltage. and Im means max current .

Up and Ip means the max voltage and max current corresponding to the max power. All the data will remain unchanged unless power off or higher watt measured.

Attentions: Current display is susceptible to intense magnetic field

Manual calibration function:

After power on, keep pressing the button for 3 seconds, then the wattmeter works on manual calibration function. Then there are 4 options and one data displayed. “11333” means the voltage of the power supply is 11.333V. “ADD” and “SUB” are used to increase and reduce voltage display, “SAVE” is used to save the calibration.

“LOAD” is to pick up the data setting made last time. The P1 will jump to next option at each 3 seconds. When jumping to the option that you want, press the button to submit the selection. It is suggested to adjust the value according to a voltage measuring instrument to minimize the error, such as a good quality multi-meter when trimming. Make sure it's no-load when the meter works on calibration mode. Select "ADD" or "SUB" for trimming. Then select “SAVE” to save the calibration. Now manual calibration is finished, turn on again, and wattmeter works with precise data displaying. Trimming is not suggested without a professional voltage display device.

