

Technical data / Specifications:

Voltage:	0.0 V ... 9999 V
Current:	0.000 A ... 65.00 A
Power:	0.0 W ... 9999 W
Frequency:	0 ... 9999 Hz
Power factor:	000 ... 1.00
Electricity:	0.000 KWH ... 9999 KWH
Unit price:	0.00 ... 99.99
Amount of electricity fee:	0.00 ... 9999
Overload alarm:	When the current exceeds 16 A or the power exceeds 3680 W, the "OVERLOAD" icon flashes.

When the detected power value is less than 1.0W, it is regarded as local power consumption, and the time is not accumulated.

Working voltage:	180 ... 250 VAC
Voltage frequency:	47 ... 63 Hz
Working temperature:	0 ... 40 °C
Working current:	≤ 16 A
Measurement accuracy:	± 2 %

The device contains no components requiring maintenance on the part of the user.

Take care that the device does not fall. In the event that this does occur, have the device examined or repaired by authorized service personnel. In the event that unforeseen difficulties arise during operation, switch off the device and contact the dealer.

Do not subject the device to dripping or sprayed water. If you wish to clean it, please use a dry and soft piece of cloth only. Do not use any solvent-containing liquids for cleaning!

This device may only be operated by qualified personnel or by persons who have been instructed in its use. Try to avoid working at problematic conditions such as extreme heat or cold.

Store the device in a clean surrounding. Dust, dirt, vibrations, strong air stream and permanent exposing to strong magnetic or electromagnetic forces could damage the device or have a negative effect on the electronic components.

Strong vibrations, impacts or other mechanical stress factors should be avoided during using.

The warranty of the device expires if it is handled in a careless or inappropriate way.

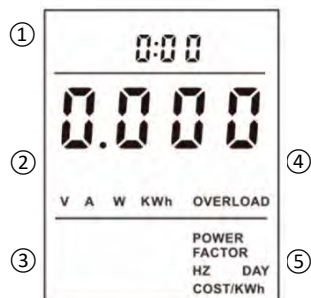


The energy meter is used to measure the power consumption of household appliances and calculate electricity costs.

The product has a built-in rechargeable battery. If it is newly purchased or not used for a long time, please plug it in to charge it.

When the display and key response are abnormal, please press the "RESET" button to reset the system. After resetting, you need to reset the parameters.

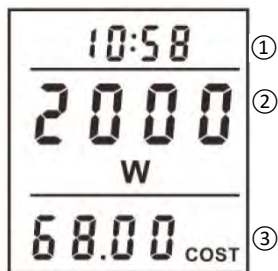
LCD



- 1 Time display bar;
- 2 V / A / W / KWh value;
- 3 POWER FACTOR / HZ / COST / KWh value;
- 4 V: Voltage;
A: Current;
(KWh) kilowatt hour: Electricity consumption;
W: Power;
OVERLOAD: Power overload reminder
- 5 POWER FACTOR: Active power and apparent power ratio;
HZ: AC Frequency;
DAY: Cumulative electricity consumption days;
COST: Cumulative amounts of electricity consumption;
KWh: Cumulative Electricity consumption;
COST/KWh: Unit price of electricity.

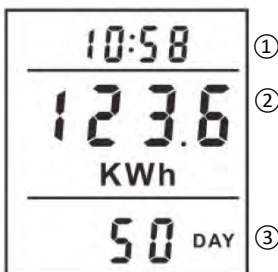
Instructions

1. Press the "FUNCTION" button to view the detection results, the pages are displayed as follows:



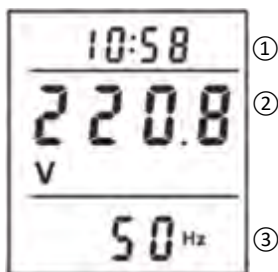
Page 1:

- 1 Running time: Cumulative running time of electrical appliances.
Below 1 hour: min. : sec. / above 1 hour: h : min.
After 24 hours: DAY+ 1;
- 2 Current Power: The actual power of the electrical appliance connected to it, Unit: W;
- 3 Cumulative electricity bill - costs consumed to date, Unit: Cost.



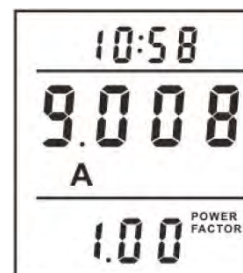
Page 2:

- 1 Running time
- 2 Cumulative electricity consumption: Cumulative electricity consumption up to now, Unit is KWh;
- 3 Accumulated time: the cumulative number of days the appliance has been running, Unit: DAY.



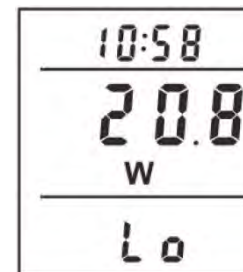
Page 3:

- 1 Running time
- 2 Grid Voltage: current real-time voltage of the grid, Unit: V;
- 3 Grid frequency: Grid AC frequency, Unit: Hz.



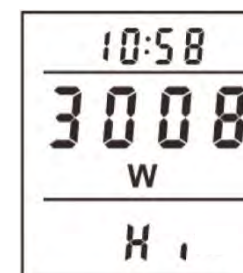
Page 4:

- 1 Running time
- 2 Real-time current: the real-time current of the electrical appliance connected to it, Unit A;
- 3 Power Factor: the power factor of the Electrical appliance connected to it.



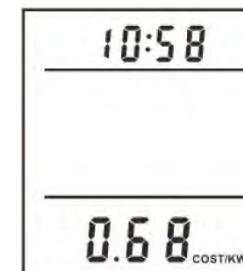
Page 5:

- 1 Running time
- 2 Minimum power: the minimum value of power recorded during the operation, Unit: W
- 3 Lo: Symbol, meaning "Low"



Page 6:

- 1 Running time
- 2 Maximum power: the maximum value of power recorded during the operation, Unit: W
- 3 Symbol, meaning "High"



Page 7:

- 1 Running time
- 2 Empty display
- 3 Unit price of electricity: set unit price, Unit COST/KWh

Unit price quick view

Press the "COST" button to check the current unit price of electricity bill

Unit price setting

Long press "COST" button to enter unit price setting, Press the "FUNCTION" key to select the setting position, Press "UP key" or "DOWN key" to adjust the value, Press the "COST" key to confirm and exit the setting.