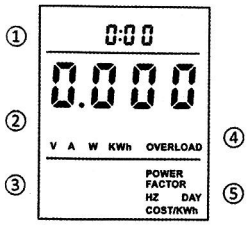
Instructions for use

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, you can press the "RESET" button to reset the system. After resetting, you need to reset the parameters.

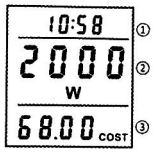
I . LCD



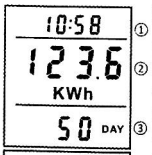
① Time display bar;
② V/A/W/KWh value;
③ POWER FACTOR/HZ/COST/KWh value;
④ V: Voltage;
A: Electricity;
(KWh)kilowatt hour: Electricity Consumption;
W: Power;
OVERLOAD: Power Overload Reminder
⑤ POWER FACTOR: Active Power and Apparent Power Ratio;
HZ: AC Frequency;
DAY: Cumulative Electricity Consumption Days;
COST: Cumulative Amounts of Electricity Consumption;
KWh: Cumulative Electricity Consumption;
COST/KWh: Unit Price of Electricity.

II .Instructions

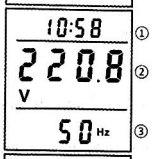
1. Press the Request button to view the detection results, and the pages are displayed as follows:



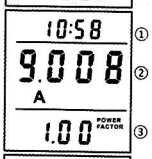
Page 1:
① Running Time: Cumulative Running Time of Electrical Appliances, after 24 Hours, DAY + 1;
② Current Power: the Actual Power of the Electrical Appliance Connected to it, Unit : W;
③ Cumulative Electricity Bill: Costs consumed to date, Unit: Cost.



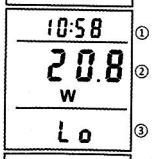
Page 2:
① Run Time
② Cumulative Electricity Consumption: Cumulative Electricity Consumption up to now, Unit is KWh;
③ Accumulated time: the cumulative number of days the appliance has been running, Unit: DAY.



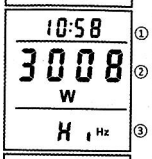
Page 3:
① Run Time
② Grid Voltage: Current Real-time Voltage of the Grid, Unit: V;
③ Grid Frequency: Grid AC Frequency ,Unit: HZ.



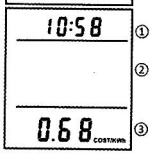
Page 4:
① Run Time
② Real-time Current: the Real-time Current of the Electrical Appliance Connected to it, Unit A;
③ Power Factor: the Power Factor of the Electrical Appliance Connected to it.



Page 5:
① Run Time
② Minimum Power: the Minimum Power Recorded during Operation, Unit: W.



Page 6:
① Run Time
② Maximum Power: the Maximum Power Recorded during Pperation, Unit: W.



Page7:
① Run Time
② ③ Unit Price of Electricity: Set Unit Price, Unit COST/KWh

2. Unit Price of Electricity

Unit price view

Press the "COST" button to quickly 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.

Backlight Mode:

Connect to AC power ,backlight im mediately light,if not ress any button,acklght will went off in 15 seconds.

When press any of the buttons,backlight start light again.(Backlight only light when it connect to AC power,backlight cannot light if use battery)

Ⅲ. Display range

Voltage:0,0 V ~ 9999 V

Current: 0,000A ~ 65.00A

Power: 0,0W ~ 9999W

Frequency: 0 ~ 9999Hz

Power factor: 000 ~ 1.00

Electricity: 0,000KWH ~ 9999KWH

Unit price: 0,00 ~ 99,99

Amount of electricity fee: 0,00 ~ 9999

Overload alarm: When the current exceeds 16A or the power exceeds 3680W, 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.

Ⅳ. Specifications

Working voltage: 180VAC~250VAC

Voltage frequency: 47Hz~63Hz

Working temperature: 0~40℃

Working current: ≤13A

Measurement accuracy: ±2%