

37214 ME

PZEM-022 AC 80-260V 100A Digital Meter with Split CT

NOTE: Do NOT Install CT on an Energized Circuit.



DISCONNECT POWER BEFORE WIRING

Always Be Sure CT Leads Are Connected To Meter



This product is an all in one instrument that can display Voltage, Current, Watts, Frequency, Power Factor and Wattage in WH. It can also record power consumption over a designated time period and sound internal alarm when it detects overload on the circuit.

Features:

- Electrical parameter measurement function (voltage, current, active power, energy, frequency, power factor)
- Overload alarm function (over power alarm threshold, backlight and power flashing to alarm)
- Power alarm threshold preset function (can set power alarm threshold)
- The energy can be reset using the button
- Store data when power off
- Large-screen LCD
- Backlight function
- Button Control Function

◆Backlight control

Short press of the button to turn the backlight on or off. The backlight has memory function, it can store the on or off state when power off.

◆Reset energy

Step1: Long press the key for 5 seconds until the energy value flash, then release the key.

Step2: Short press the key again, then the energy value is cleared and exit the reset flashing state.

Step3: If there is no operation on the key within 5 seconds, it means the energy value is not cleared and will exit the reset state.

◆Set power alarm threshold

Step1: Long press the key until the LCD screen display "SET CLr", then release the key to enter the setting state

Step2: Power window display the current power alarm value and the last digit begin to flash, then you can short press to plus 1, when there is no operating over 3 seconds, it will switch the digit position automatically, the setting method is as same as the above.

Step3: After finish the setting, long press the key over 5 seconds will store automatically and exit, the range of active power threshold is 0.0~2.5kW. it can display six parameters at the same time.

Specifications:

1. Working voltage: 80 ~ 260VAC
2. Test voltage: 80 ~ 260VAC
3. Rated power: 100A/22000W
4. Operating frequency: 45-65Hz
5. Measurement accuracy: 1.0 grade

Display format:

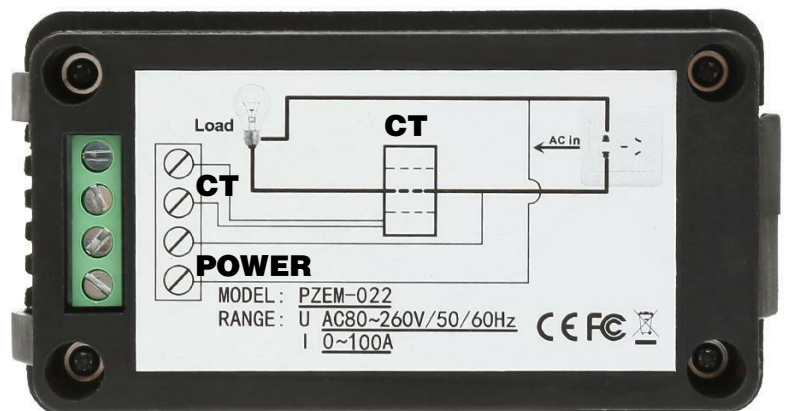
1.Power

Test range: 0.2~22000W

Starting measure power: 0.2W

<10W display format: 1.00~9.99W

<100W display format: 10.0~99.9W



<1000W display format: 100~999W
<10000W display format: 1.00~9.90kW
≥10000W display format: 10.0~22.0kW

2. Energy

Test range: 0~999kWh
<1kWh display format: 0~999Wh
<10kWh display format: 1.00~9.99kWh
≥10kWh display format: 10~999kWh

3. Voltage

Test range: 80~260V
Display format: 80~260V

4. Current

Test range: 0~100A
Starting measure current: 0.001A
<10A display format: 0.000~9.000A
≥10A display format: 10.00~99.99A

5. Frequency

Test range: 45~65Hz
Display format: 45~65Hz

6. Power factor

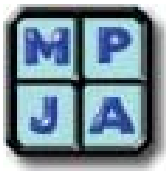
Test range: 0~1PF
Display format: 0.00~1.00PF

Precautions:

1. This module is suitable for indoor, please do not use outdoor.
2. Applied load should not exceed the rated power.
3. Do NOT Miswire order can't be wrong.

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