

## Product Function:

- Measuring voltage, current, electric power, and energy; with built-in shunt.
- Voltage alarm function: when the voltage is greater than the alarm threshold, there is backlight and voltage flashing
- Able to reset the energy
- Equipped with Non-volatile Memory and Backlight function
- Large LCD panel for displaying voltage, current, electric power, and energy at the same time

## Displaying Format:

### Electric Power Testing Range: 0~2kW

- Within 1KW, the display format is 0.0~999.9W;
- 1KW and above, the display format is 1000~2000W

### Energy Testing Range: 0~9999kWh

- Within 10KWh, the display format is 0~9999Wh;
- 10kWh and above, the display format is 10~9999kWh

### Voltage Testing Range: 6.5~100V

- Display format: 6.50~99.99V

### Current Testing Range: 0~20A

- Display format: 0.00~20.00A

## Parameters:

- Operating Voltage: 6.5~100VDC
- Testing Voltage: 6.5~100VDC
- Rated power: 20A/2000W
- Measuring Accuracy: 1.0

## Key:

### Backlight Control

- Short press the key to turn on/off the backlight. With Non-volatile Memory, the backlight state can be stored when powering off

### Reset Energy

- Step1: Long press the key till the electric power displaying "CLR", then release the key
- Step2: At the moment, when the energy is flashing, short press the key to clear the energy and exit; however, if there is no any operation within 5 seconds, it means the energy value has not been cleared and will exit the reset state

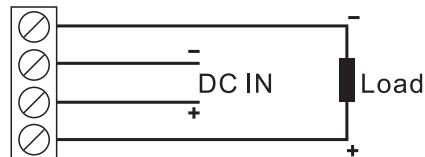
### Set Voltage Alarm Threshold

- Step1: Long press the key till the electric power displaying "SET", then release the key
- Step2: At the moment, the voltage displays the present overvoltage alarm threshold and the current displays the present undervoltage alarm threshold, with the last digit beginning to flash. Then there could plus "1" by short press, when there is no operation over 3 seconds, it would automatically switch the digit position, from the high voltage alarm threshold to the low with total six digits. The range of the voltage alarm threshold is 6.5~99.9V
- Step3: After completing the alarm threshold setting, long press the key till the screen displaying "PASS", which means setting successfully and will exit the setting state automatically

## Notes:

- Since the meter is only suitable for indoor, please do not use it outdoor
- Applied electric load shall not exceed the rated voltage, current
- Please make sure the wiring order is correct

## Wiring Diagram:



## Dimension diagram (mm):

