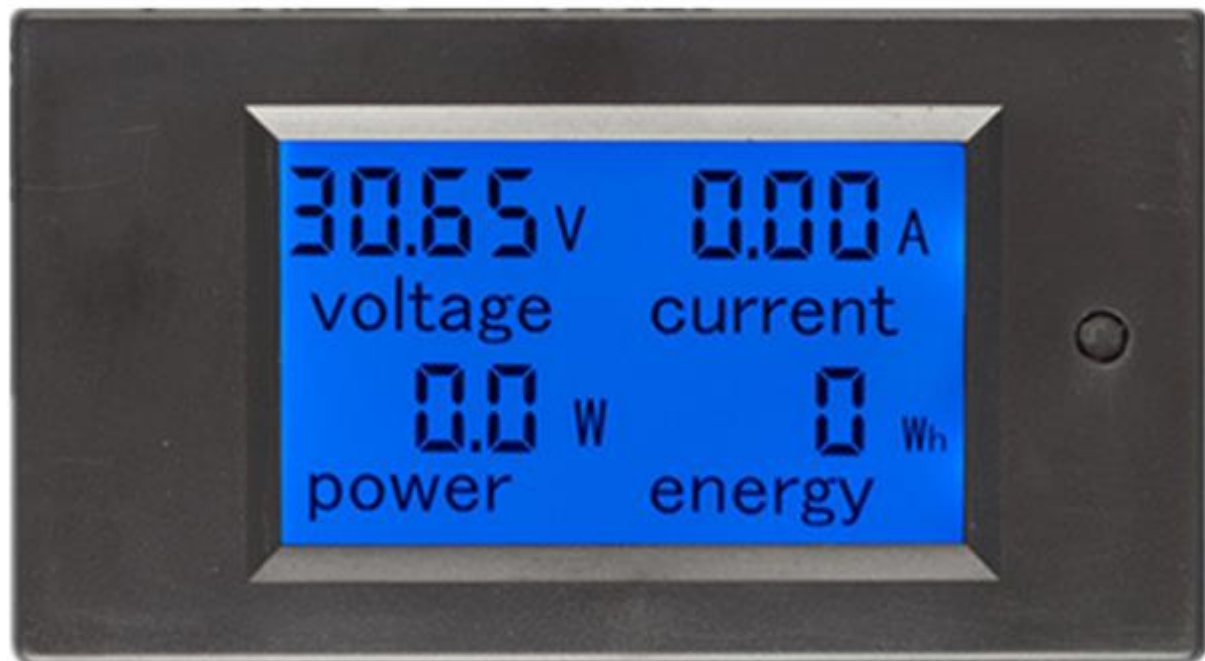Product Description

1. **Electrical parameter measurement function (voltage, current, active power, energy)**

2. Voltage alarm function (over voltage
alarm threshold, backlight and voltage flashing to alarm).
3. The reset function of energy key.
4. Store data when power off.
5. Large-screen LCD (display voltage, current, active power, energy at the same time)
6. Backlight function.

Key

1. Backlight control Short press the key to turn on or off the backlight, the backlight has memory function, it can store the on or off state when power off.

2. Reset energy Step1: Long press the key until the power display area display "CLr", then release the key. **Step2:** At this moment, the energy is flashing to prompt this is the energy reset state, if short press the key again, then the energy value is cleared and exit the reset flashing state. **Step 3:** If there is no operation within 5 seconds, it means the energy value is not cleared and will exit the reset state.

3. Set voltage alarm threshold Step1: Long press the key until the power display area display "SET", then release the key. **Step2:** After enter this state, the voltage area display the current high voltage alarm value, the current area display the current low voltage alarm value and the last digit begin to flash, then you can short press to plus 1, when there is no operation over 3 seconds, it will switch the digit position automatically, from the high voltage alarm value to the low voltage alarm value, there are total six digits, the range of the voltage alarm threshold is 6.5~99.9V; **Step3:** After finish the setting, long press the key until the screen display "PASS" ,that means you set successfully and will exit the setting state automatically.

Peacefair PZEM-031
DC digital multi-function meter Display interface is large-screen LCD, it can display voltage, current, power, energy parameters
at the same time.
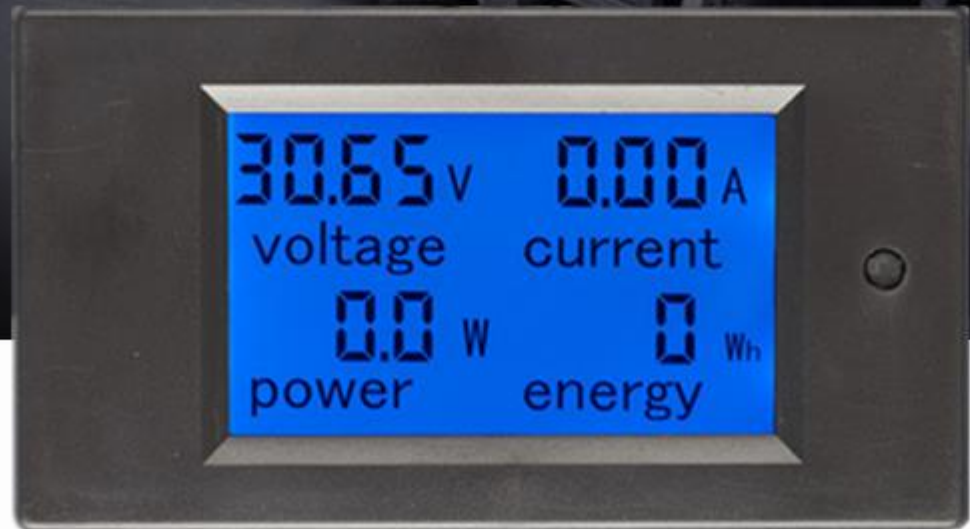
peacefair
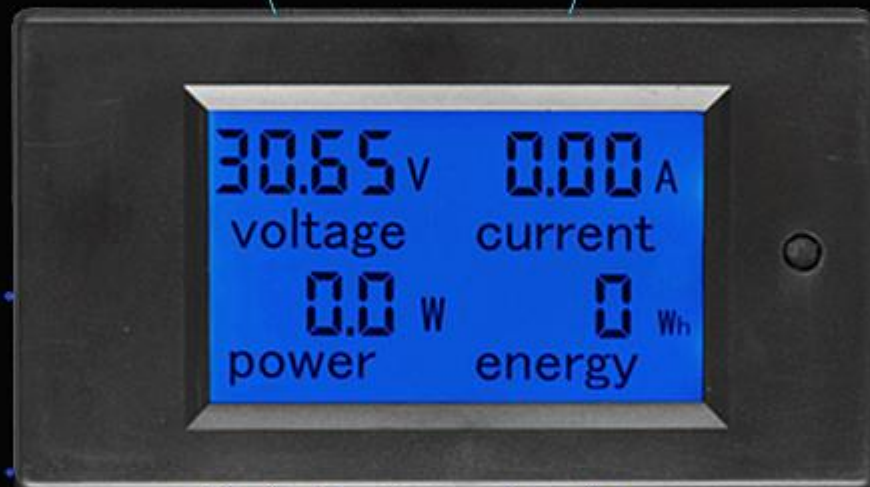
PZEM-031

DC Digital Panel Meter

Voltage Current Power Energy

PZEM-031

Voltage

test range: 6.5~100V
Display format: 6.50~99.99V

Current

test range: 0~20A
Display format: 0.00~20.0

30.65v   **0.00**A
voltage   current
0.0 W   **0** Wh
power   energy

Power

test range: 0~2kW
Within 1KW,
the display format is 0.0~999.9W

1KW and above,
the display format is 1000~2000W

Energy

test range: 0~2kW
Within 1KW,
the display format is 0.0~999.9

1KW and above,
the display format is 1000~200
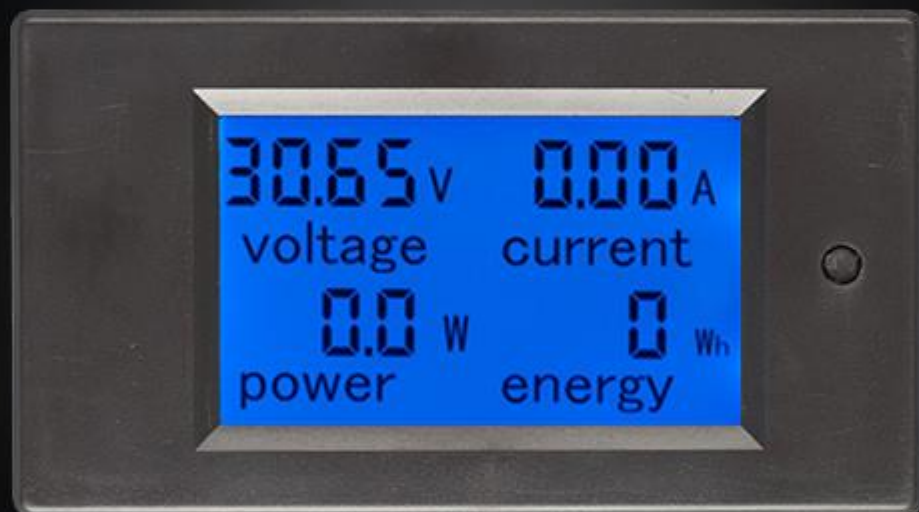
MULTIPLE PRODUCT FUNCTIONS

Electrical parameter measurement function

Voltage alarm function

Large-screen LC

30.65 V   0.00 A
voltage   current
0.0 W   0 Wh
power   energy

The reset function of energy key

Store data when power off

Backlight function

Load

Power
Supply

PZEM-031 Wiring Diagram

MODEL:PZEM-031
RANGE:U DC6.5~100V
I 0~20A

DC IN

LOAD

30.65 V   0.00 A
voltage   current
0.0 W   0 Wh
power   energy

Load

Power
Supply

Size information

51

30

The screen size (mm)

84.6

44.6

49.6

89.6

Appearance of size(mm)

24.4

84.6

highly size

86.6

46.6

open hole size