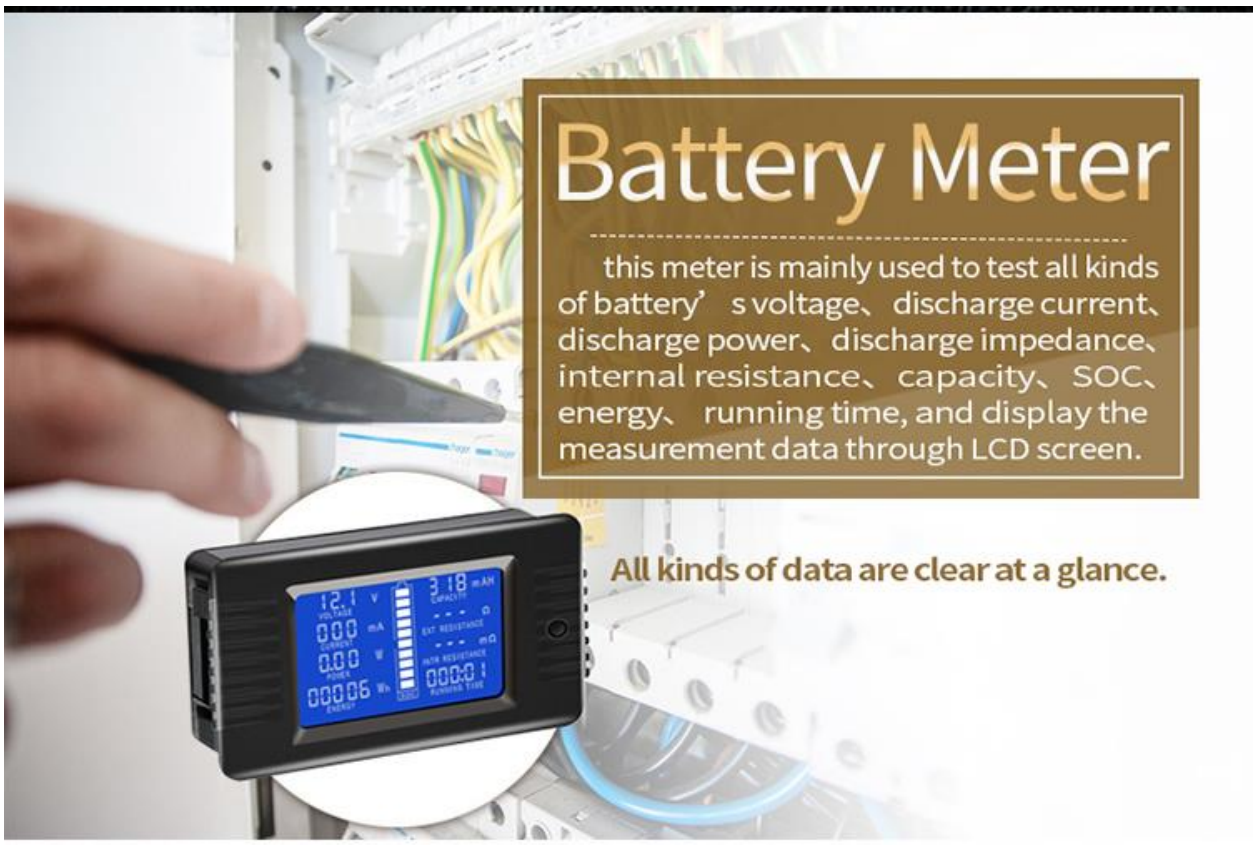
Peacefair PZEM-015 0-200V 100A Discharge Impedance Internal Resistance Capacity DC Energy Meter Watt Meter Li-ion Battery Tester

Product Type	PZEM-015
Current Range	0-300A（use external shunt, can matched with 50A, 100A, 200A, 300A four kinds of shunt）
Voltage Range	DC 0-200V
	1.Measure all kinds of battery’s voltage, discharge current, discharge power, discharge impedance, internal resistance, capacity, dump energy, energy consumption and running

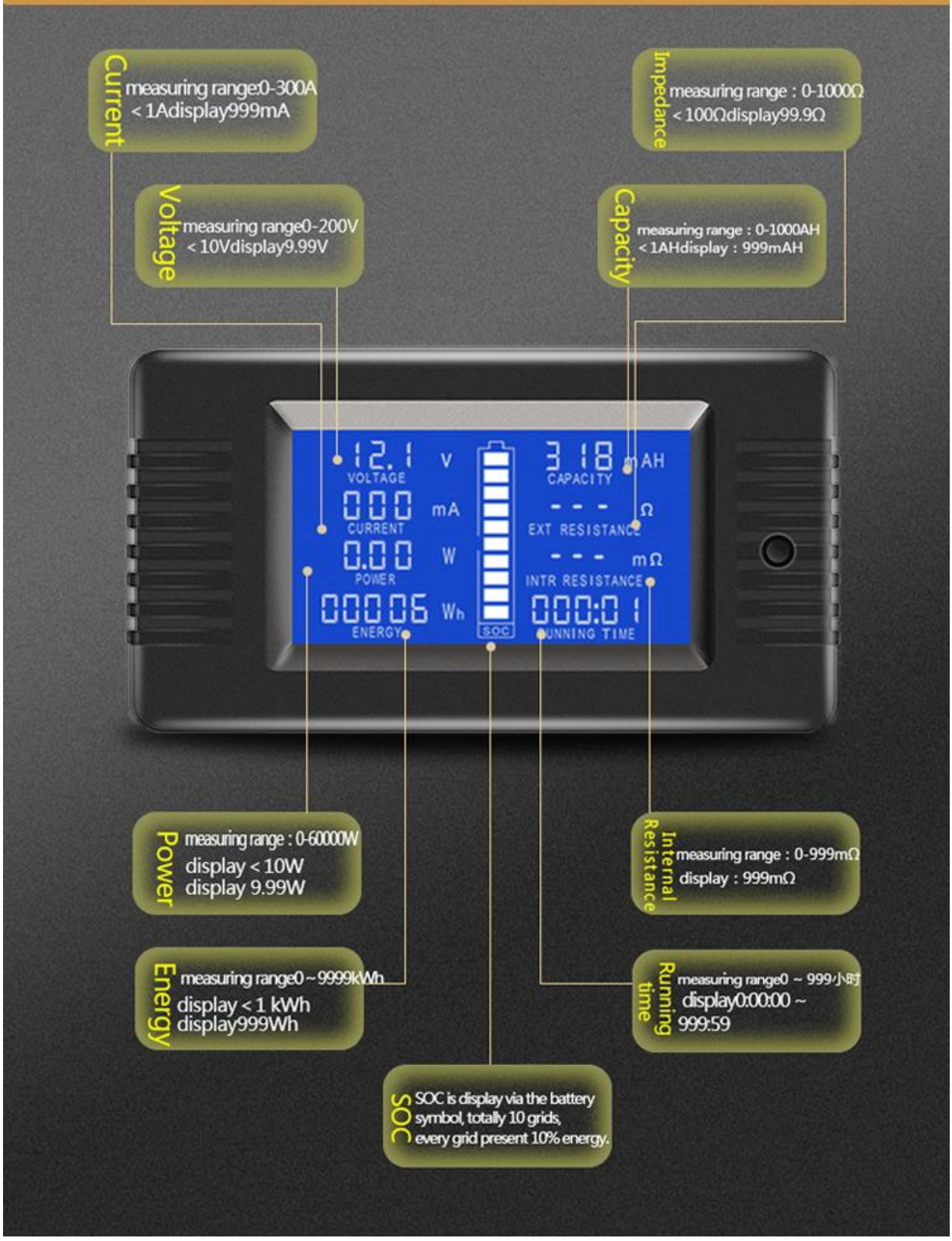
Function	time 2. Store data when power off. 3. Large-screen LCD 4. Backlight function.		
Weight	233g		
Parameter	Test Range	Resulation	Measurement accuracy
Voltage	0-200V. (when the test voltage is <8V, please use the independent power supply mode)	0.01V	1%
Current	0-100A(with 100A shunt)	1mA	1%
Power	0-20000W	0.01W	1%
Impedance	0-1000Ω	0.1Ω	1%
Internal Resistance	0-999mΩ	1mΩ	1%
Capacity	0-1000AH	1mAH	1%
Dump energy	Dump energy is display via the battery symbol, totally 10 grids, every grid present 10% energy		
Accumulate energy consumption	0~9999kWh	1Wh	1%
Running time	0 ~ 999 hour(without load the time will not accumulate)		

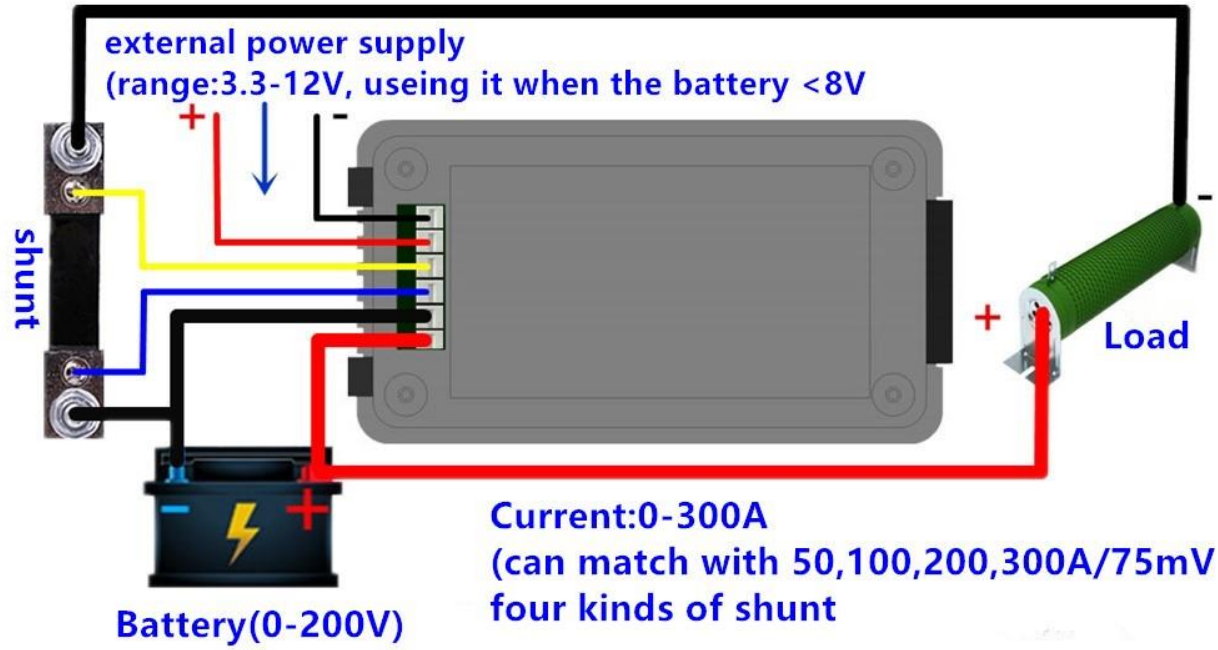


Data Accuracy High efficiency and stability

Introduction of PZEM-015 Display Function

300A range (external shunt can be equipped with 50A, 100A, 200A, 300A four shunts)





1. Power consumption

Normal working state: 0.03-1.2 W
Sleeping state: 0.5mW-0.5W
The power consumption is related to the test voltage value, the higher the voltage,the greater the power consumption.

2. Working temperature

-20’C ~ +60’C.

3. Working mode

This meter has two modes: normal display mode and dormant mode. In normal display mode, short press the button to enter the dormant mode, in order to reduce the whole machine power consumption, the backlight and LCD display will be turned off in dormant mode. In dormant mode, short press the button will switch to the normal display mode.

Note: The meter will stop all measurement functions in dormant mode, so please do not switch to dormant mode if normal measurement is performed.

Dimension Figure（mm）

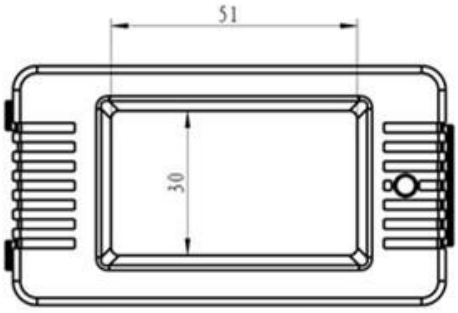


Figure 14 LCD Screen size

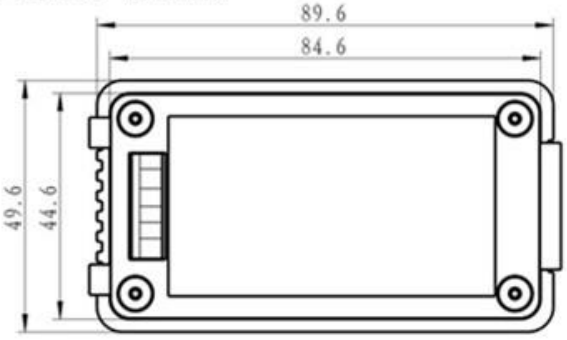


Figure 15 Out frame size

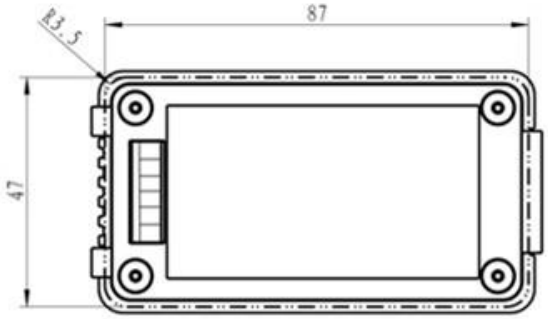


Figure 16 Hole size

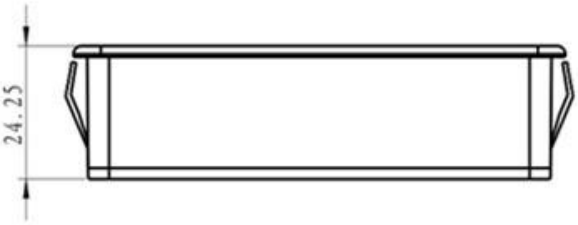


Figure 17 Height size