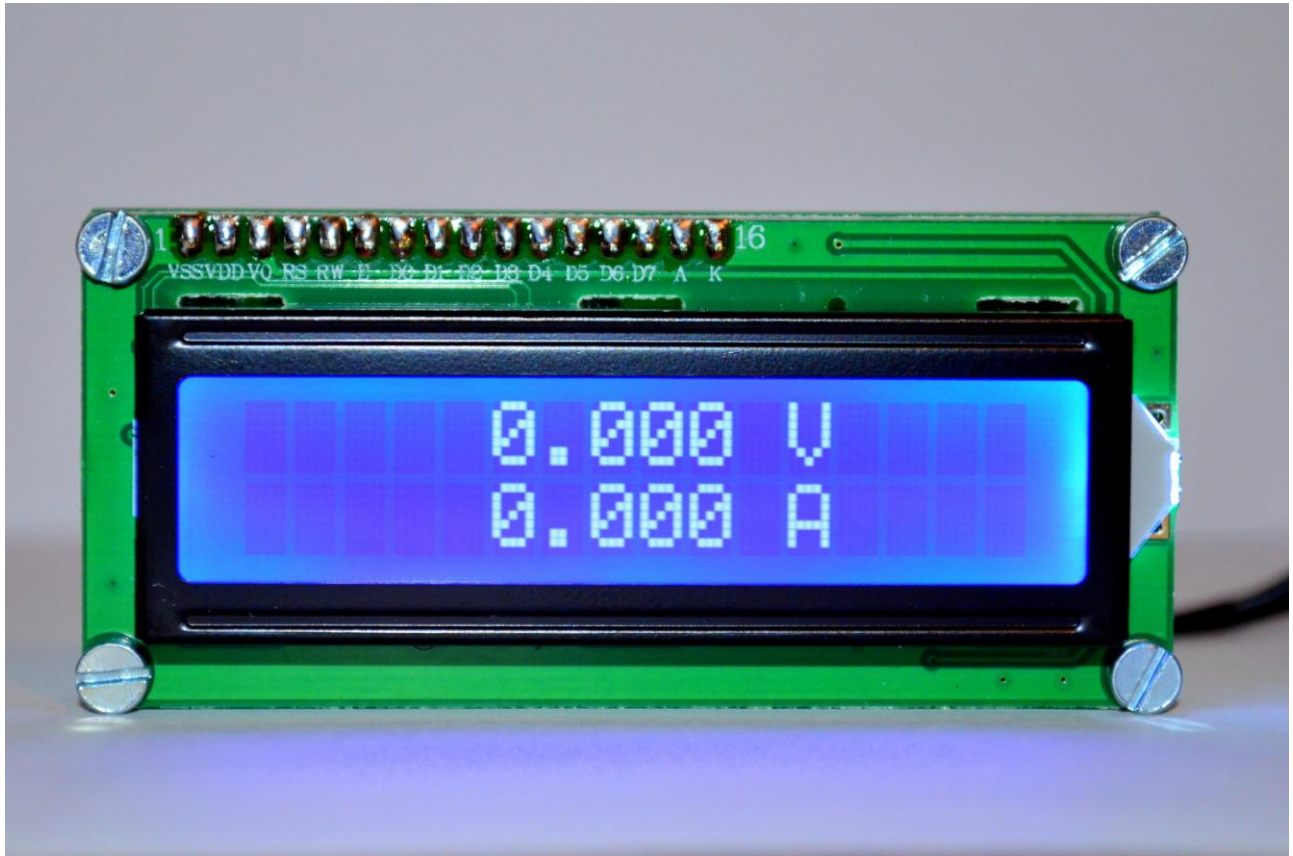


# Miniature Pluggable Multimeter



**THE BEST SOLUTION FOR THE POWER SUPPLY !!!**  
**Not need to configure anything, just connect !!!**

**Easy to connect**

**Inside current sense resistor only 10mOhm (0.010hm)**

**Working current: 60mA**

**Display: 16x2 LCD, Blue backlight**

**Measuring range: DC 0-30V, 0-10A**

**Constant current max: 10A**

**Maximum input voltage: 30V**

**Resolution: 0.001V (1mV), 0.001A (1mA)**

**Maximum peak current up to 50A (less than 10 seconds)**

**Measure accuracy: 1%**

**Sampling rate: 15 readings per seconds**

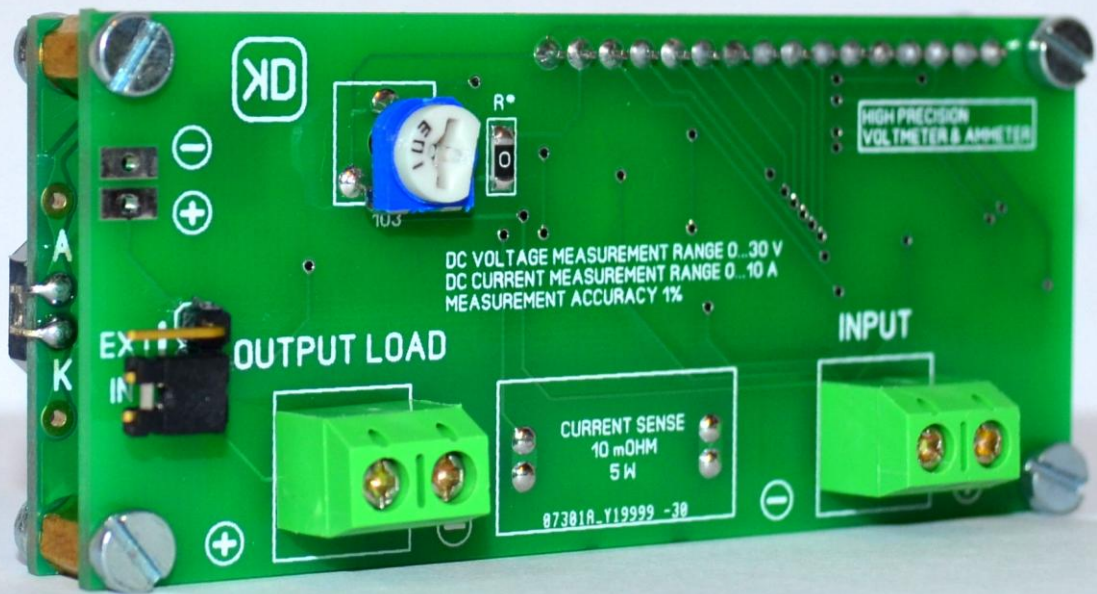
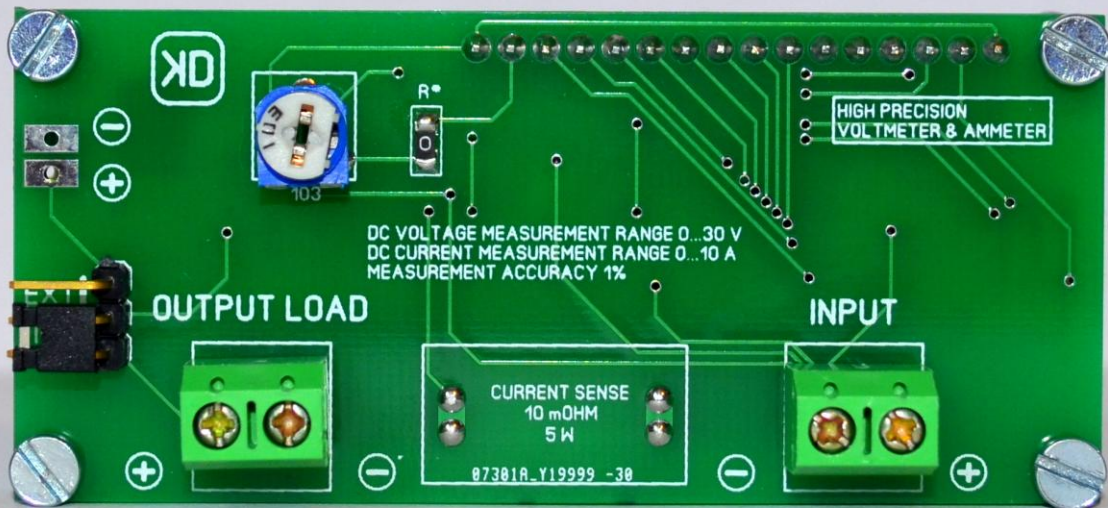
**On board 16bit ADC**

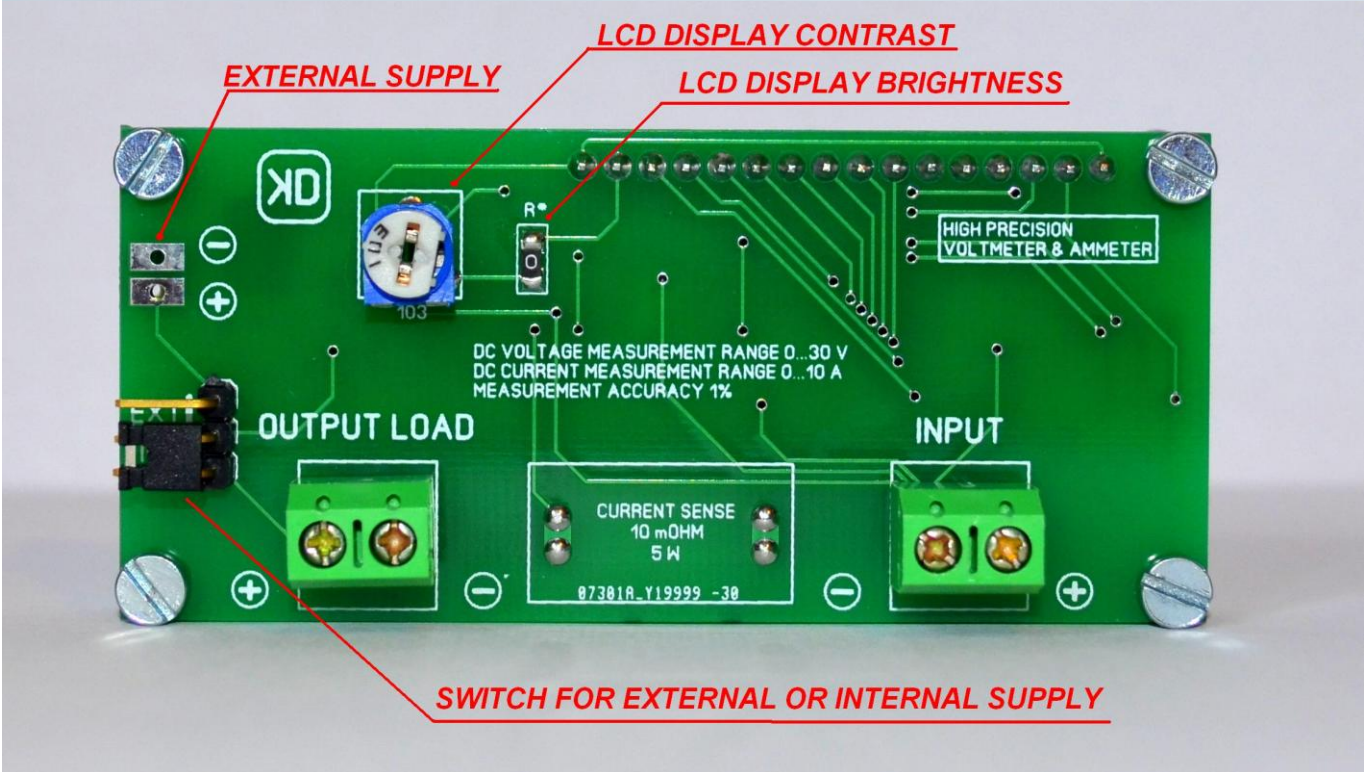
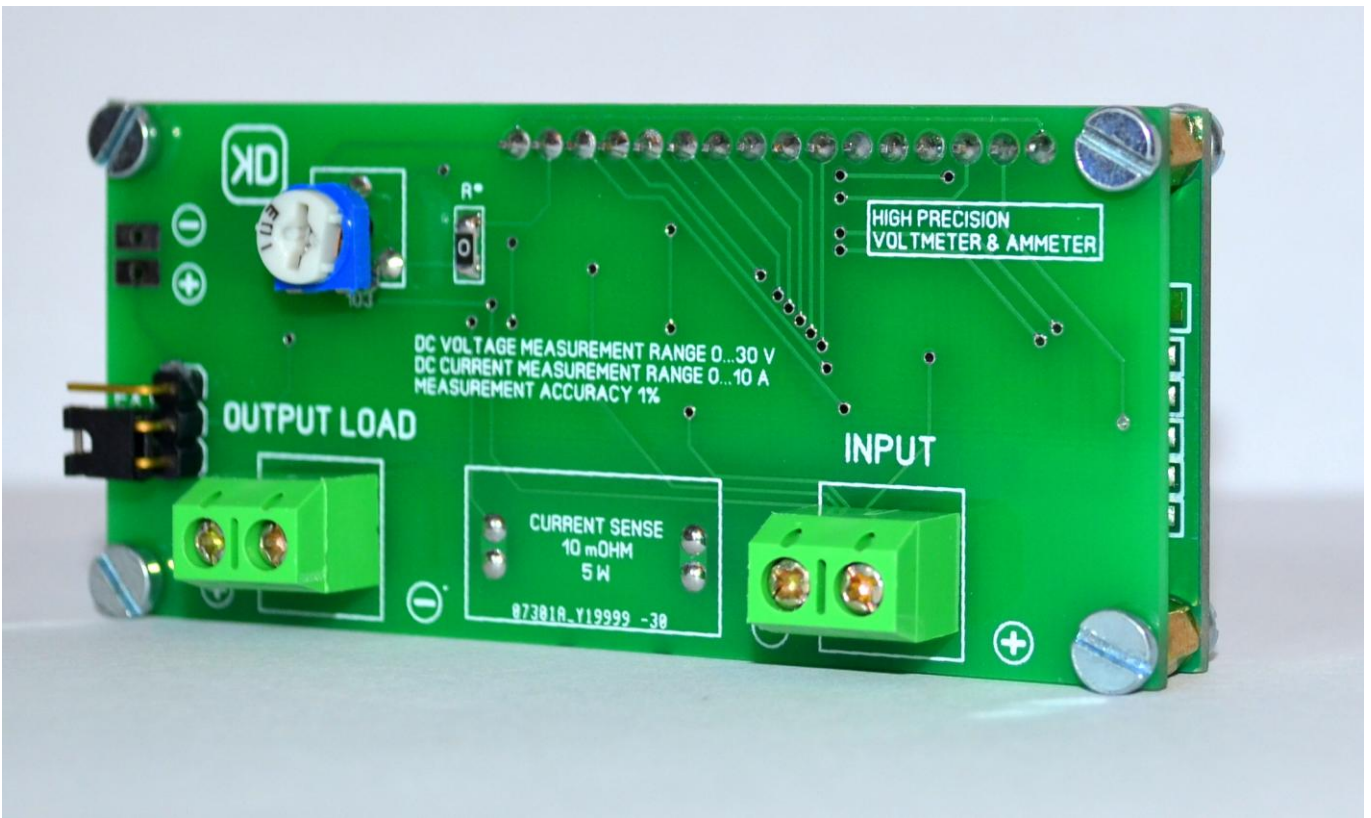
**Miniature size only 36mm X 80mm**

**For voltage measurement less than 5 volts, you must connect an external power supply (+7...15V), and reconnect the switch on PCB.**

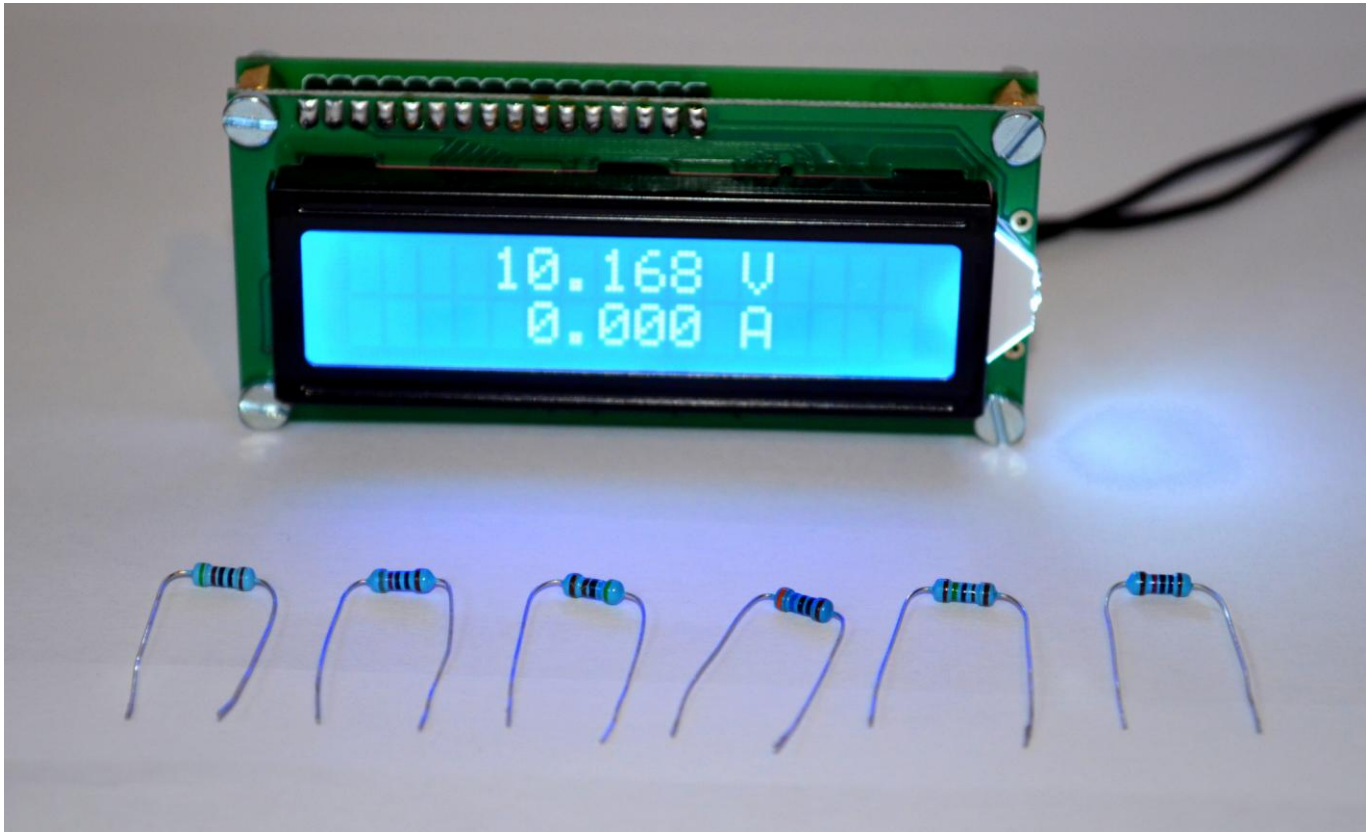
**My recommendations, always turn on the device via the external power supply !!!**

**Current sense is based on HIGH PRECISION RESISTOR (Germany manufacturing).  
Datasheet for current sense [here](#).**

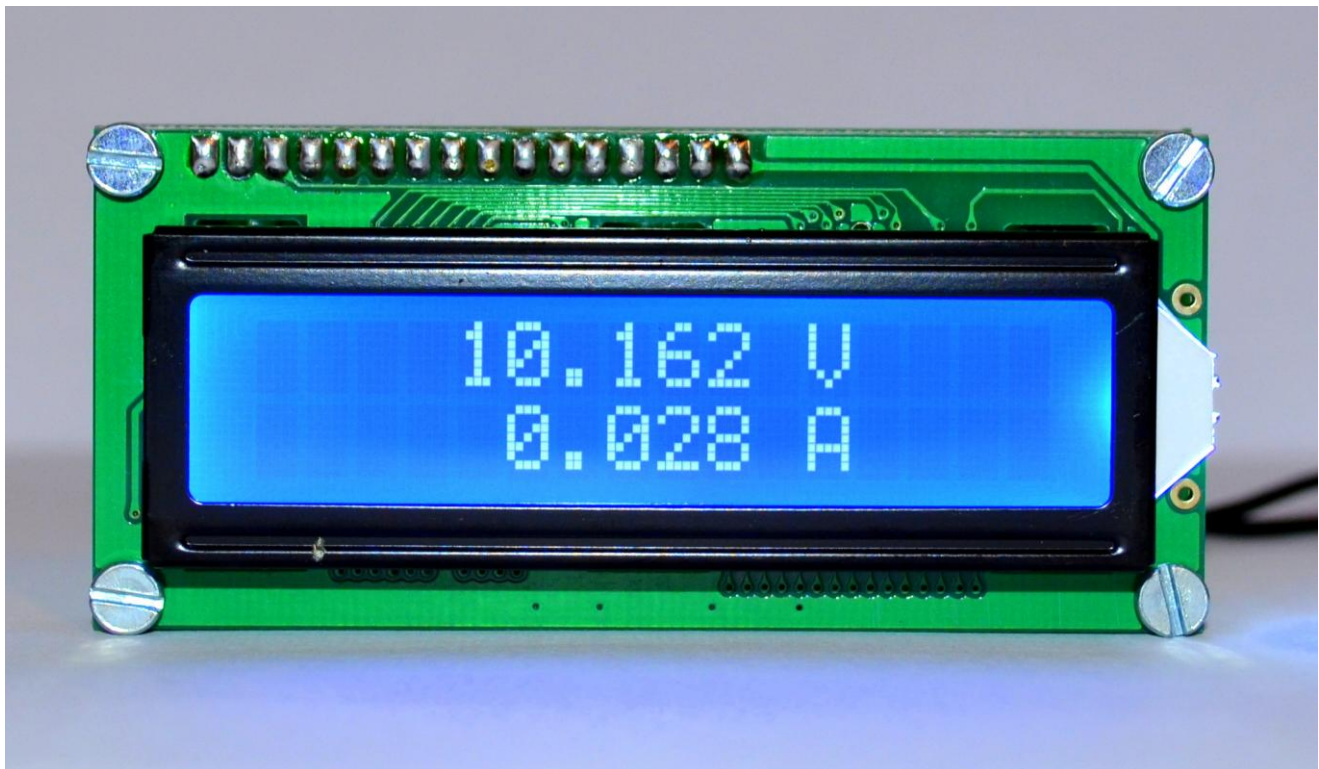




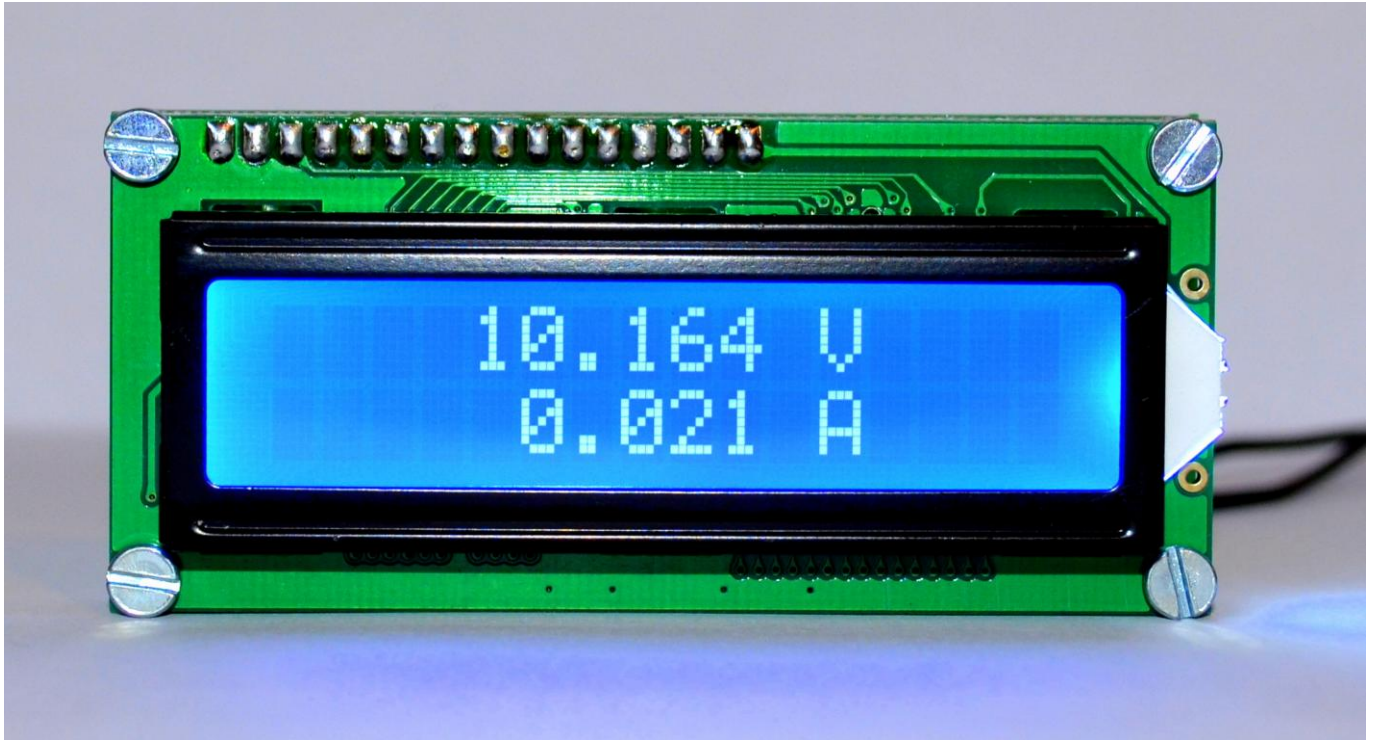
**TESTING WITH 1% RESISTORS : 360Ohm, 510Ohm, 820Ohm, 1.5kOhm, 10kOhm.**



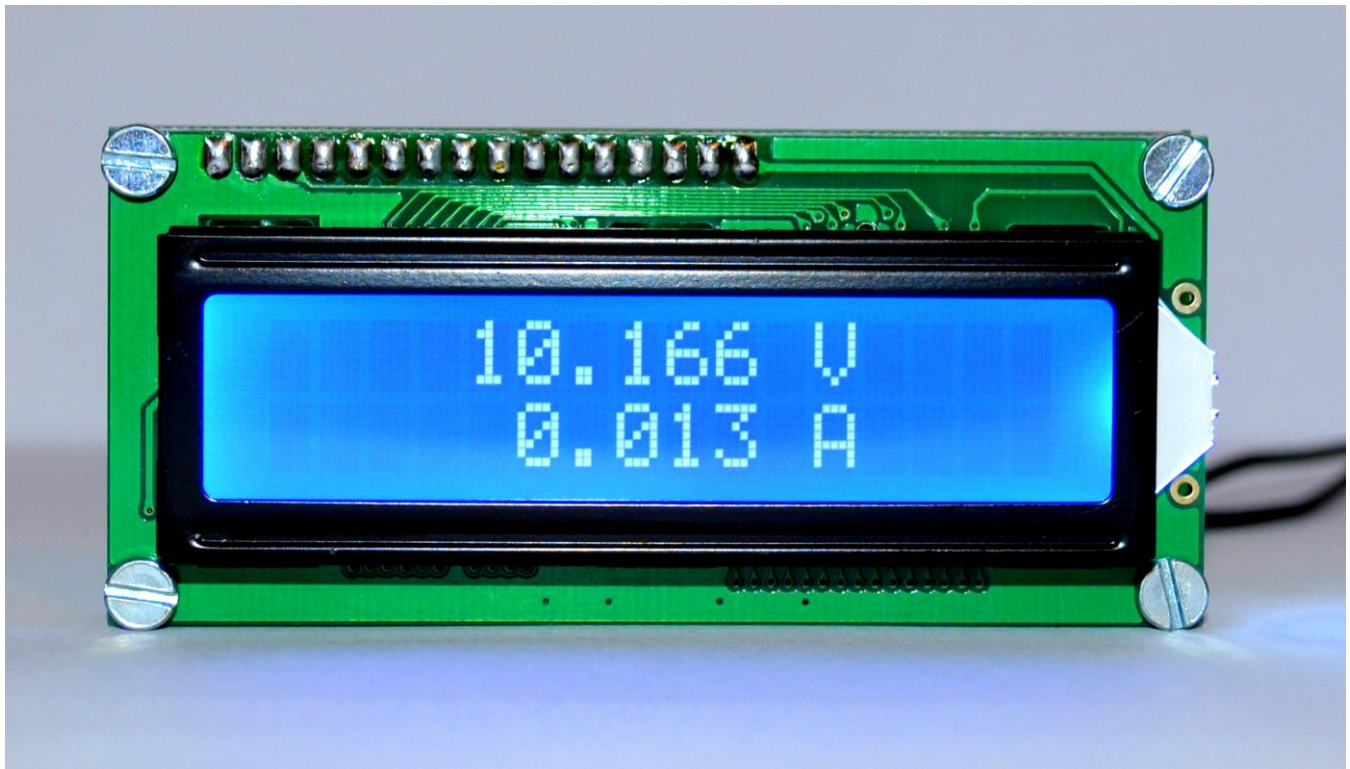
**LOAD CONNECTED: 360Ohm**



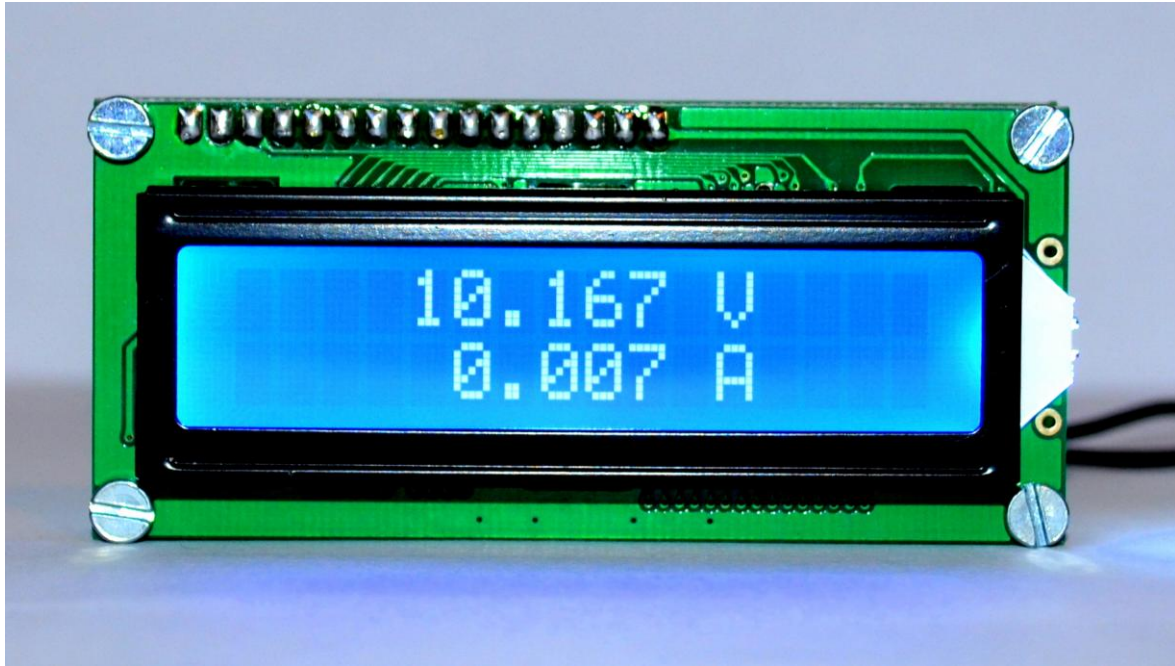
LOAD CONNECTED: 510Ohm



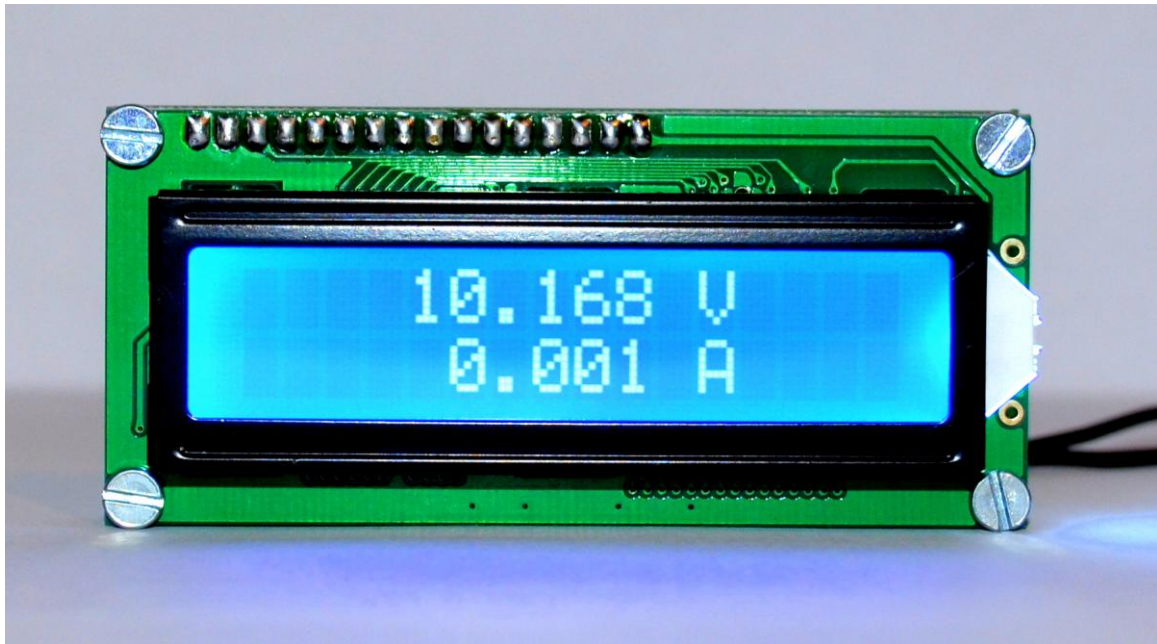
LOAD CONNECTED: 820Ohm



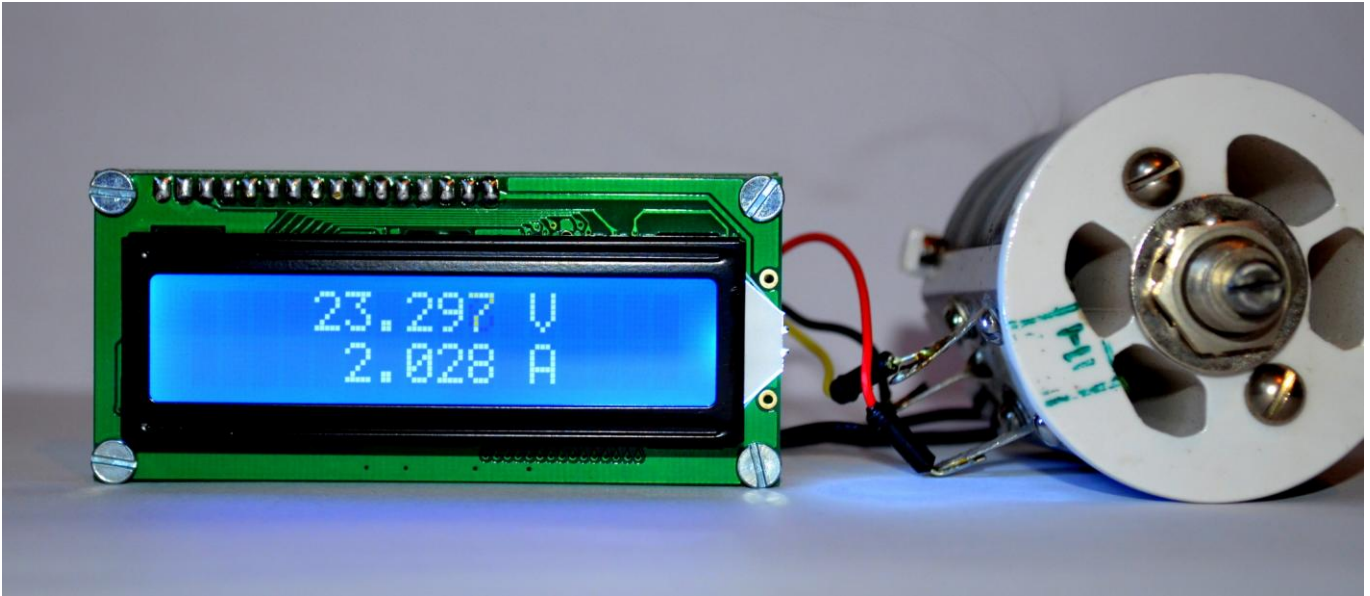
**LOAD CONNECTED: 1.5kOhm**



**LOAD CONNECTED: 10kOhm**



## POWER LOAD CONNECTED



## HOW TO CONNECT THE DEVICE

