

Description

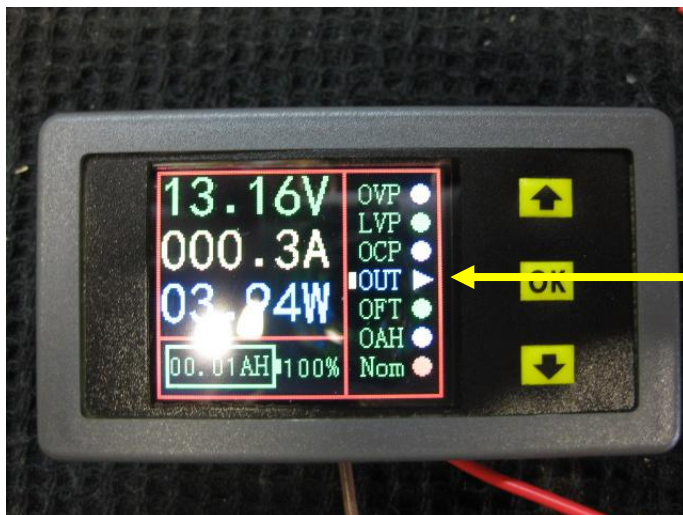
This compact display is a meter which can measure voltage, current, charge capacity and time

You can set this unit up to switch a relay if certain parameters are exceeded.

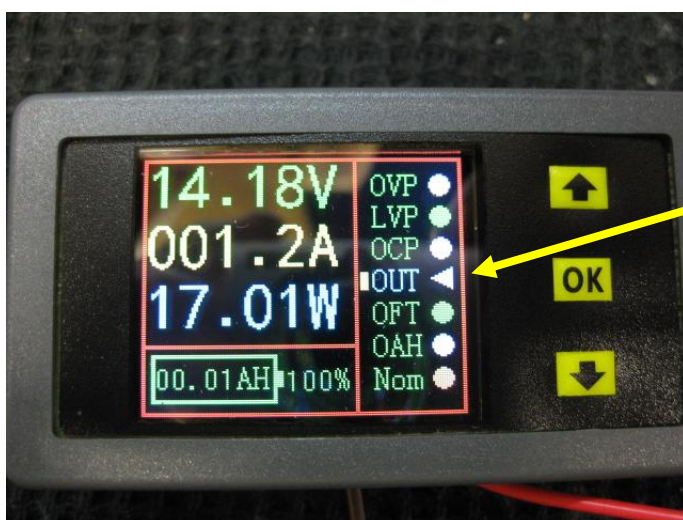
The unit transmits wireless to the display; you only require a power supply to the display.

Items		Parameters
Input voltage	Self-powered	10V~120V
	External power supply	0~120V
Output Current		0~200A
Display mode		Color LCD
Display Resolution	Voltage	0.01V
	Current	0.01A
	Capacity	0.01AH
	Time	0.01H
Accuracy	Voltage	±1%+2
	Current	±2%+5
Measuring rate		5 times / sec.
Communication distance		10 m open to a single group
Protection type and setting range	OVP(Over Voltage Protection)	0.01V~120V
	OVP(Over Voltage Protection)	0.01W~9.99kW
	OCP(Over Current Protection)	0.01~100A
	OAH(battery over charge protection)	0.01AH~120AH
	OFT (overtime protection)	0.01H~99.9H
Dimensions (L × W × H)		79 x 43 x 52 (mm)
Mounting hole opening (mm)		76.5 x 39.2 (mm)

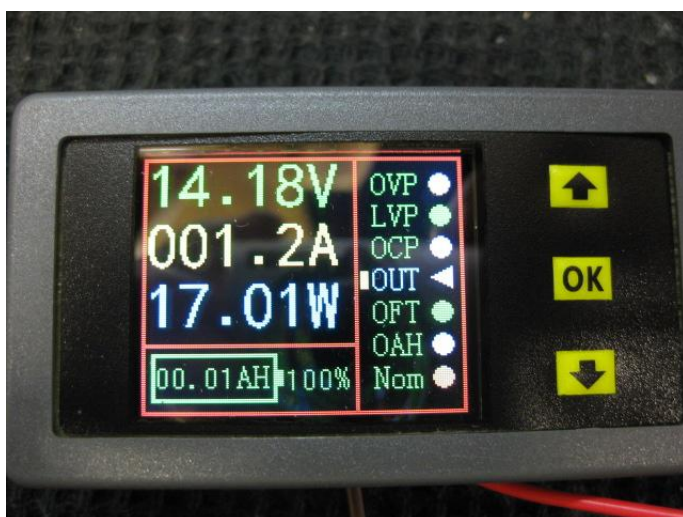
Display Examples



This shows a discharge; note the
OUT arrow pointing to the Right
13.16 volts
0.3 amp discharge
3.94 watts

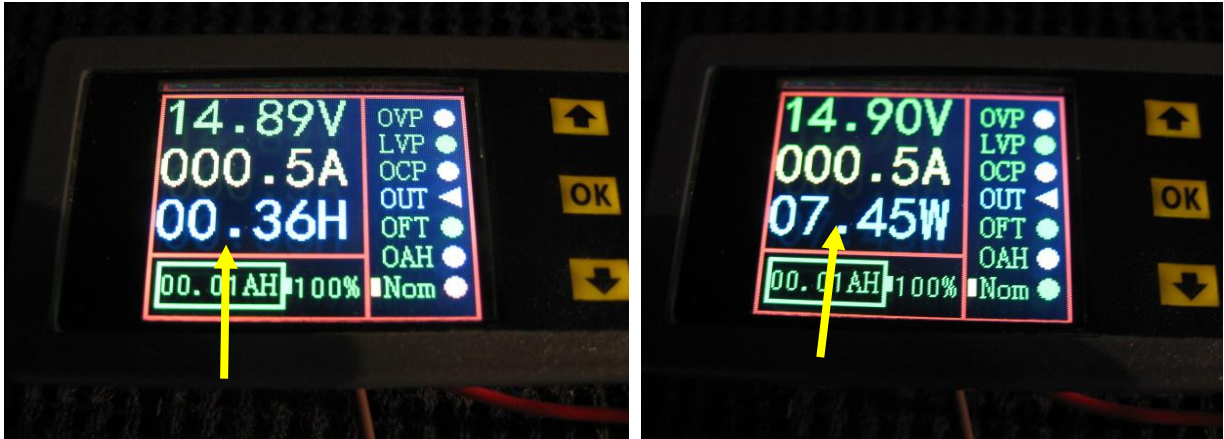


This shows a charge, note the IN
arrow pointing to the left
14.18 volts
1.2 amp charge
17.01 watts



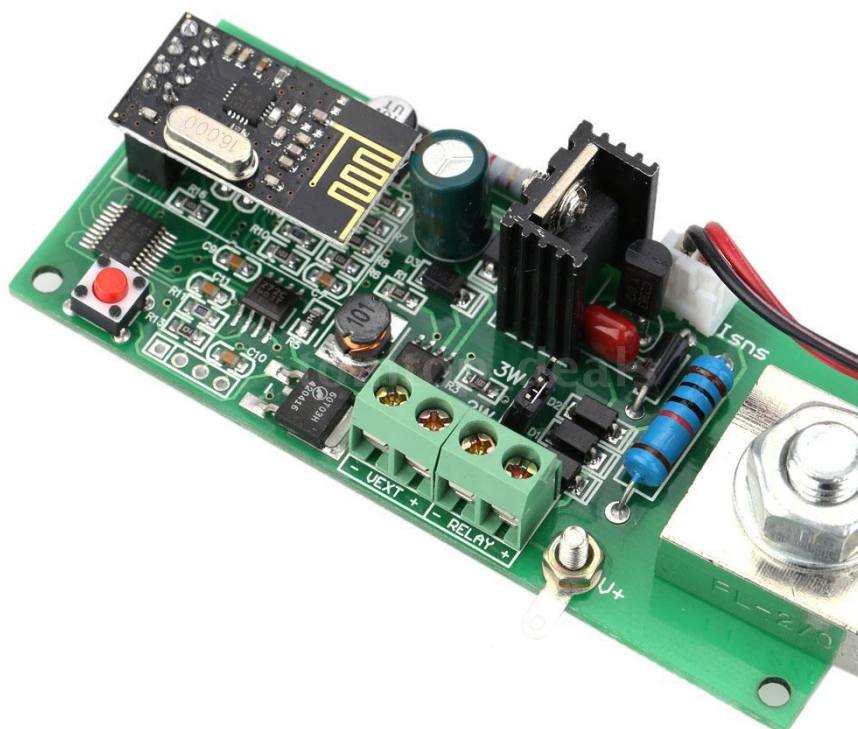
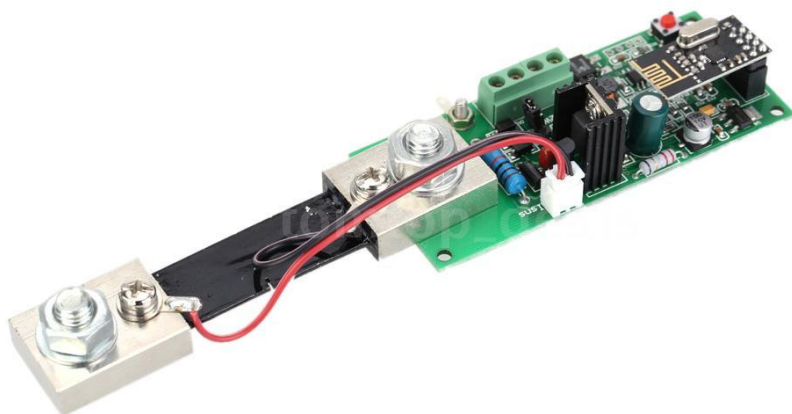
OVP=Overvoltage Protection
LVP = Low voltage Protection
OCP = Over current Protection
OFT = Over time Protection
OAH = Over amp Protection
Nom = toggle between watts and time

Display examples

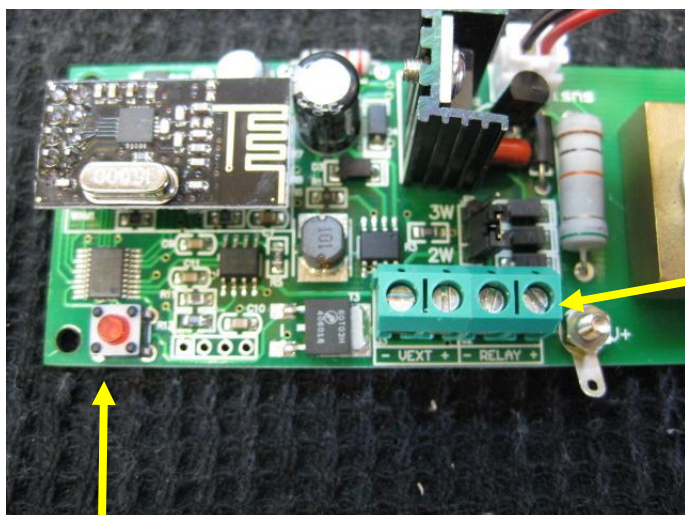
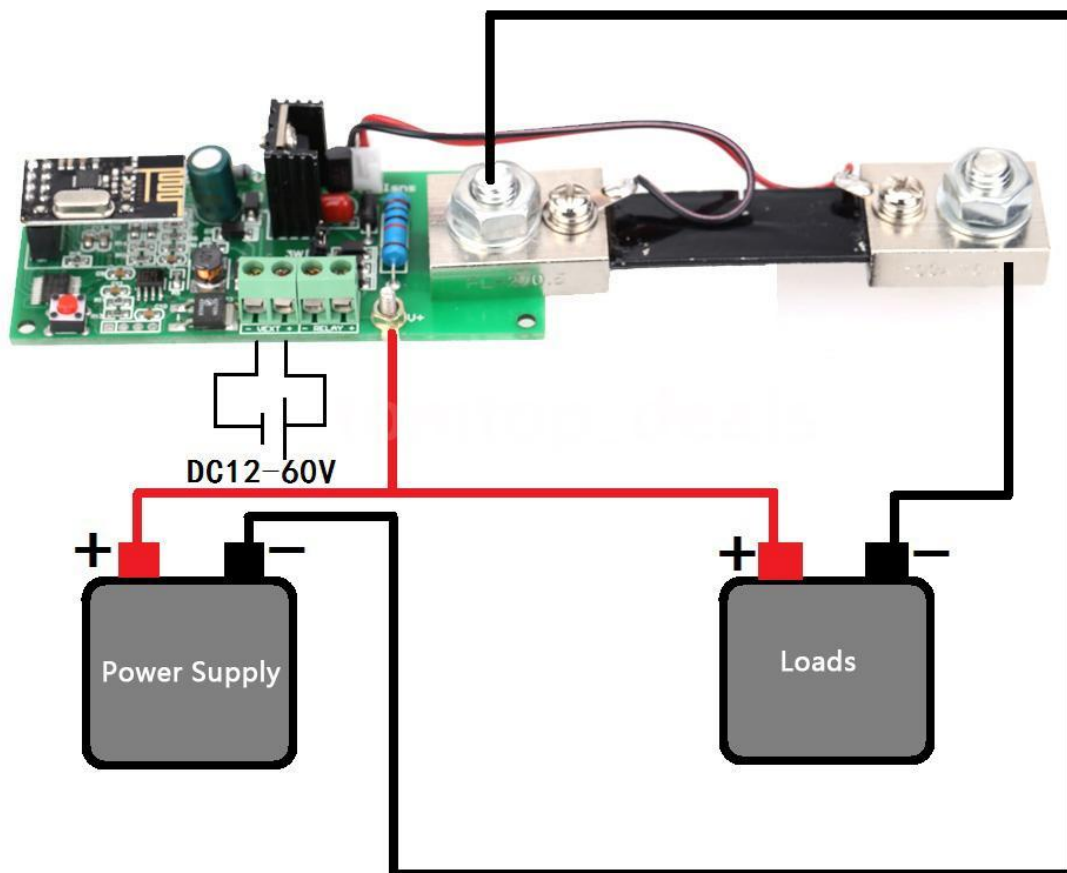


An example of toggling between time (36 minutes) and 7.45 Watts

Shunt and wireless transmitter



Wiring



The connector block here is for External power and relay, you will require a 6v relay if you wish to use the warning function capability

This (RED) button forces the wireless to transmit, use this if you get 0.00 on the display when you first power it up