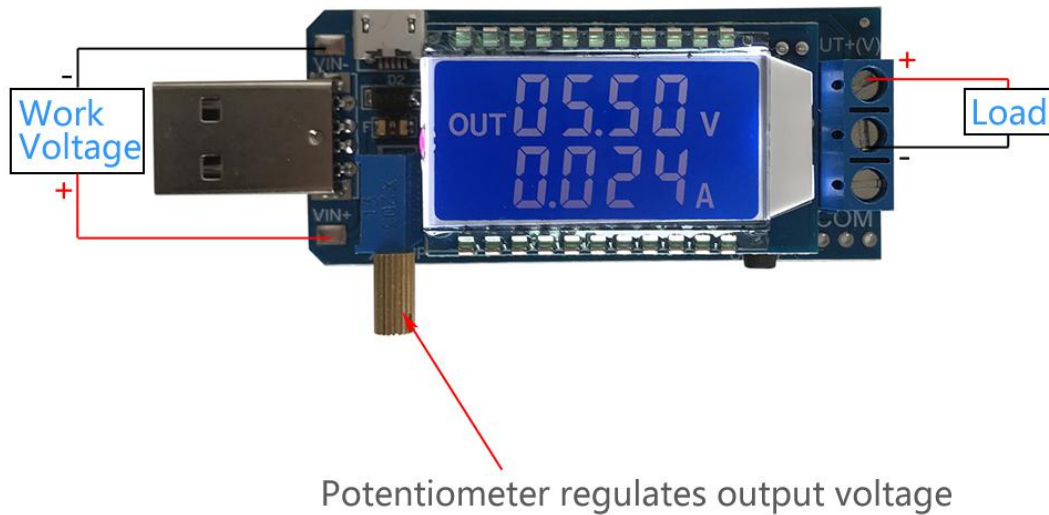
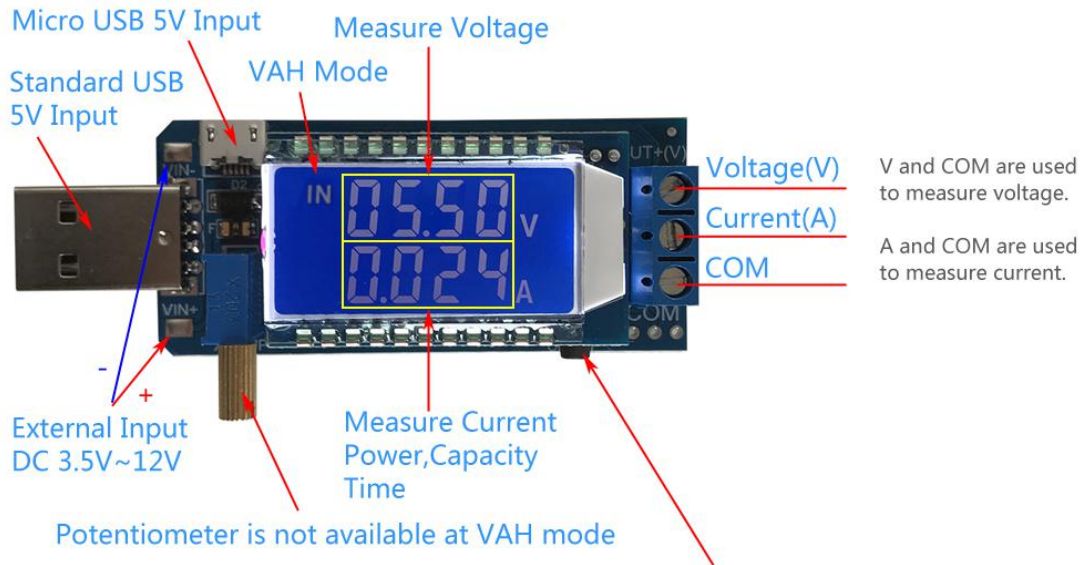


PER Mode:Wiring Diagram



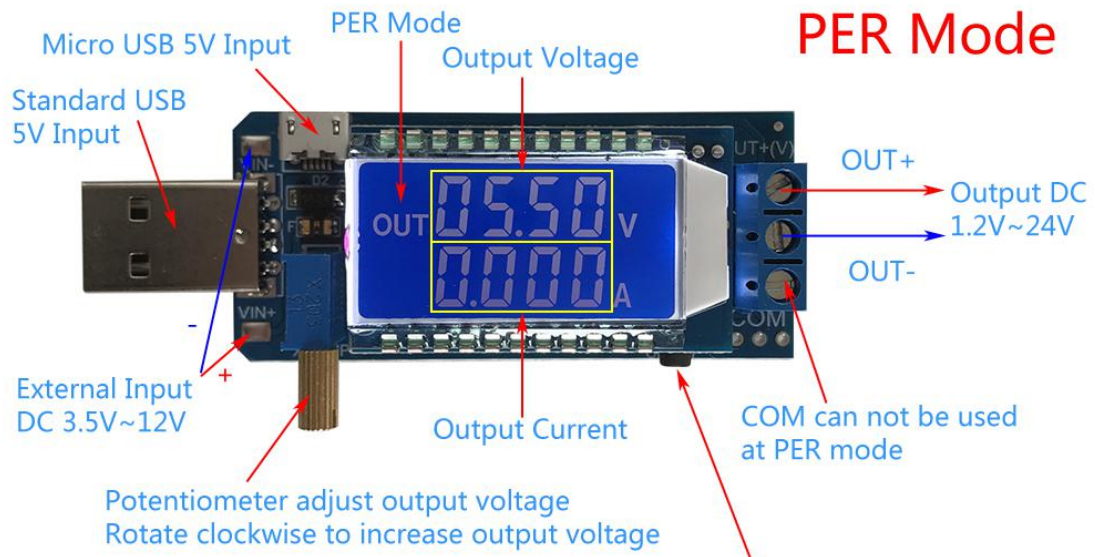
VAH Mode

Measure Voltage(0~35V), Current(0~3A), Power(0~110W),
Battery Capacity(0~9999Ah), Discharging Time(0~100h)



- 1.Short press button ON/OFF to switch display Measured Device Voltage,Current, Power,Time.And also can measure Battery capacity,Battery discharging time if connect battery.
- 2.Keep press button ON/OFF for 5 second to turn ON or OFF display screen backlight.But the module can output voltage normally.
- 3.Keep press button ON/OFF for 10 second to turn switch work mode PER or VAH.

The module does not support reverse connection protection, please do not short circuit and reverse.



- 1.Short press button ON/OFF to turn ON or OFF output voltage.At this time, screen will display 0V.
- 2.Keep press button ON/OFF for 2 second to switch display output current or output power at the second line.
- 3.Keep press button ON/OFF for 5 second to turn ON or OFF display screen backlight.But the module can output voltage normally.
- 4.Keep press button ON/OFF for 10 second to turn switch work mode PER or VAH.

It is a low power output power module, please pay attention to the output power.

Maximum output power within 2W when output DC 1.2V~2V;

Maximum output power within 3W when output DC 2V~20V;

Maximum output power within 2.5W when output DC 20V~24V;

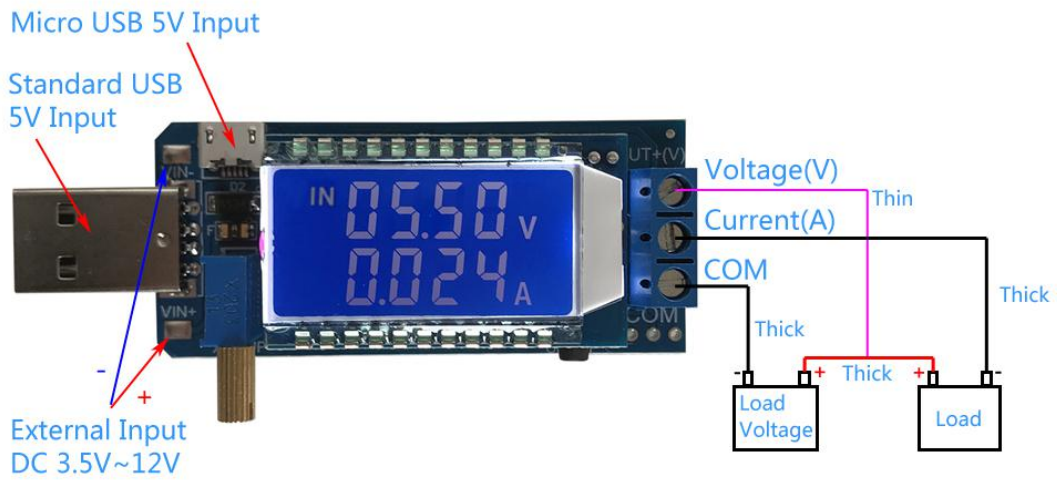
The module supports over-power protection. If the rated power is exceeded, the module will automatically stop output voltage and the LCD will display OPP and flash.

Calibrate Voltage/Current



- 1>.Calibrate Voltage:Keep press button ON/OFF before power ON and then power ON and release button.Automatically enter calibration mode after 5 second.The voltage display will flashing.Short press button to adjust and calibration voltage. Adjustment range is $-0.2V\sim 0.2V$.Enter current calibration mode if keep press button for 2 second.
- 2>.Calibrate Current:Enter current calibration mode if keep press button for 2 second after Calibrate Voltage.The current display will flashing.Short press button to adjust and calibration voltage. Adjustment range is $-0.02A\sim 0.02A$. Automatically save parameters and return to the normal display interface if keep press button for 5 second.
- 3>.User needs to repeat the correction multiple times. If the voltage(current) error exceeds $0.2V(0.02A)$.
- 4>.For example:Change 12V to 12.5V:
 - 4.1>.First calibration:Change 12V to 12.2V
 - 4.2>.Second calibration:Change 12.2V to 12.4V
 - 4.3>.Third calibration:Change 12.4V to 12.5V

VAH Mode : Wiring Diagram



Measure Voltage(0~35V), Current(0~3A), Power(0~110W),
Battery Capacity(0~9999Ah), Discharging Time(0~100h)

In VAH work mode, it can be used as multi-function voltage ammeter.

It can be used to measure voltage, current, power, battery capacity, discharging time