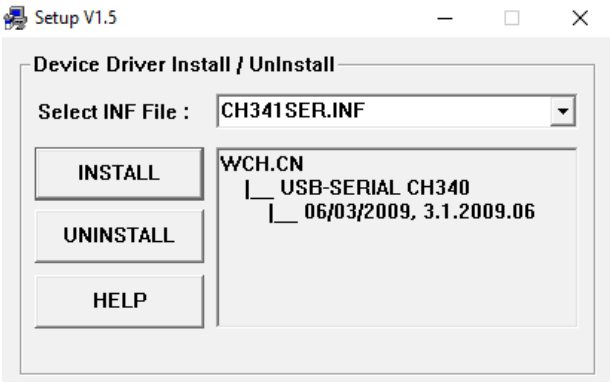
Power Supply PC Monitor

Software Instruction

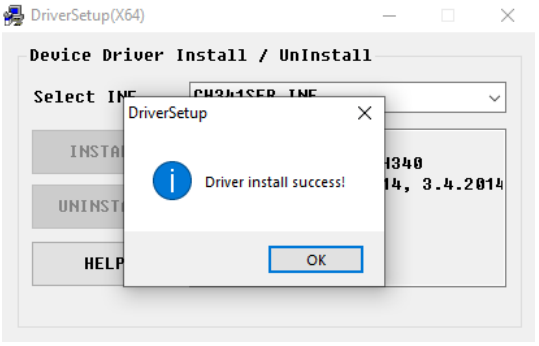
Please refer to our official website to acquire PC software and relative files, including PC software, driver and software installation guide.

Install Driver

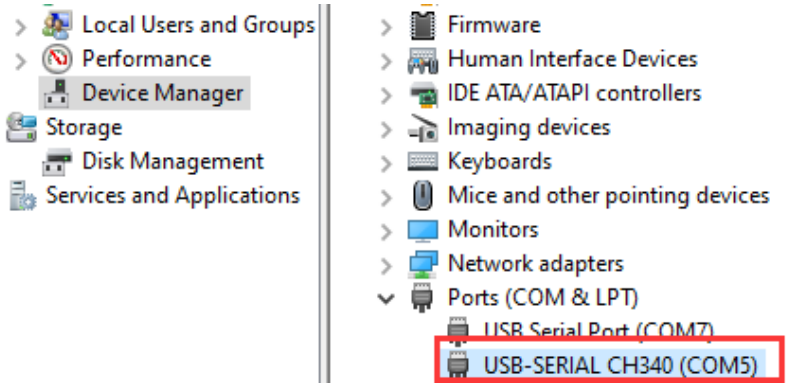
1. Click to unzip “driver.zip”,double-click USB-SERIAL_Install_Windows_Vx_x , decompress the serial port Chip Driver package and install the CH340 driver：



2. Click Install, wait for the installation to complete, click OK, as shown below:

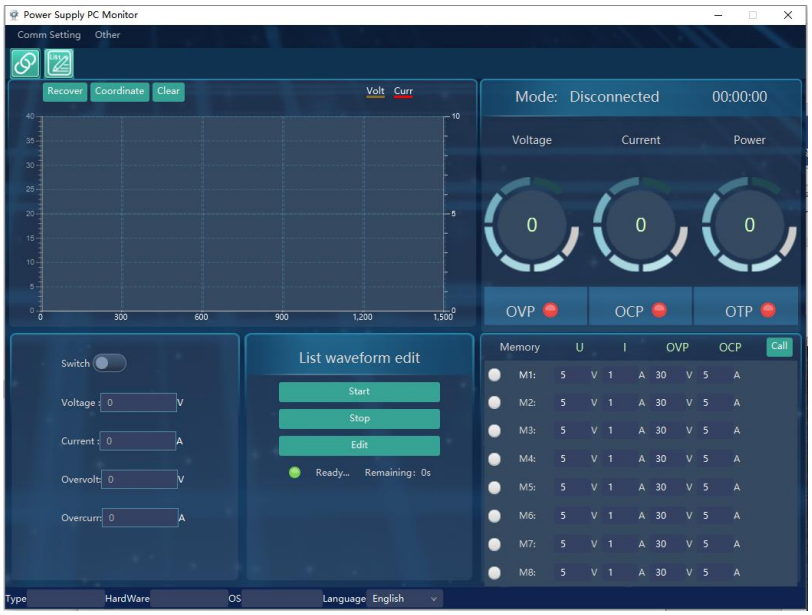


3. Go back to the computer and click **Device Manager** to check the COM number and driver, as shown below :



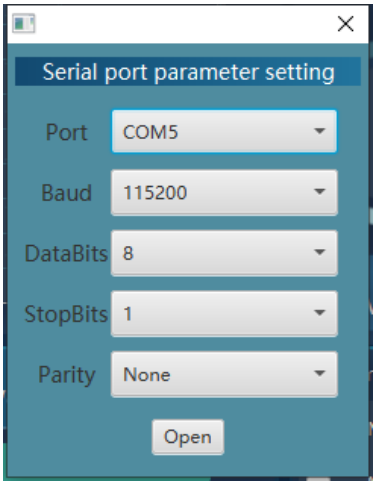
Software Operation

Click to unzip “PC software.zip”,double-click the right mouse button to open the “exe” file, save the other files.The initialization screen is displayed, as shown in the following figure.

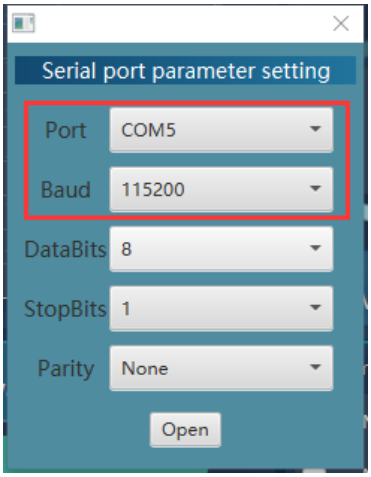


How to connect

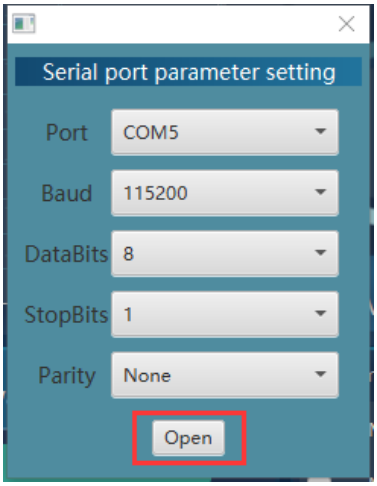
1. Click “**comm Setting”** from left-top Menu bar, the serial port parameter setting screen is displayed.



2. Set the serial port number, click the drop-down list, and select a COM number corresponding to the COM number of “USB-SERIAL CH340”. Other parameters are the default values.



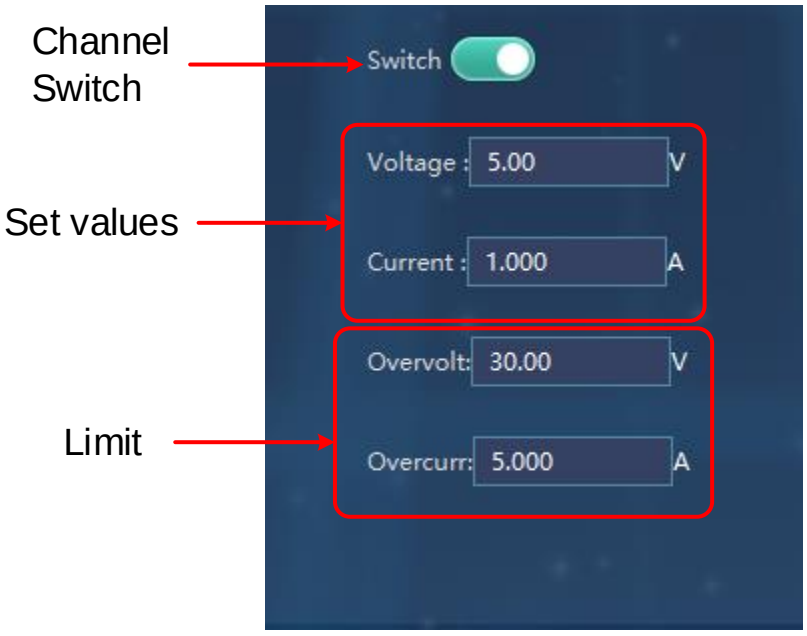
3. Click "Open" to complete the connection with the computer.



Interface Guide

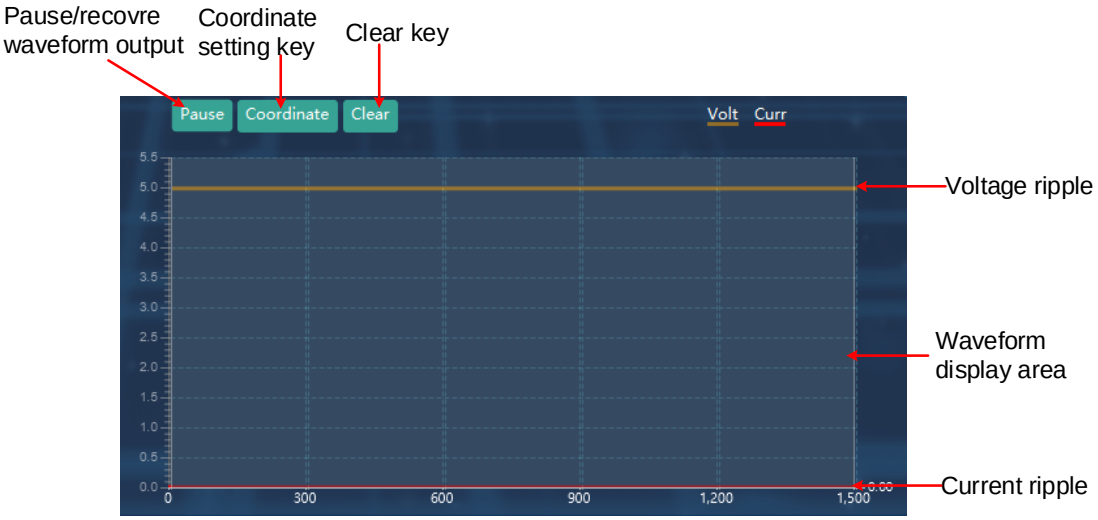
Channel Status Area

Parameter setting: Enter the required parameters in the parameter editing box and press Enter to complete the parameter setting.



Voltage/Current waveform Area

When the channel is open, the Voltage/Current curve of the channel can be observed in the waveform area.

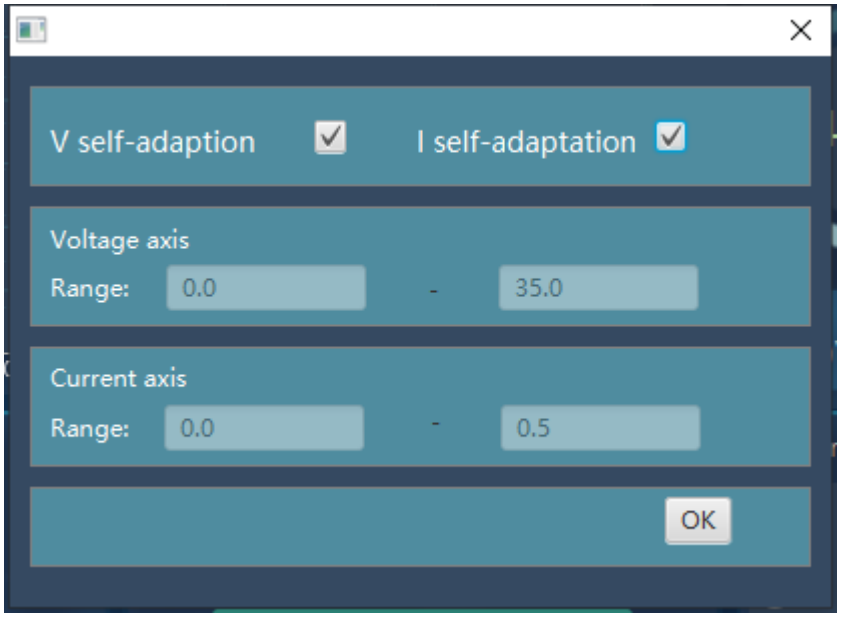


Coordinate

Click the “**Coordinate**” setting in the voltage/Current waveform display area to jump out of the setting interface and select the adaptive mode or manually enter the numerical mode.

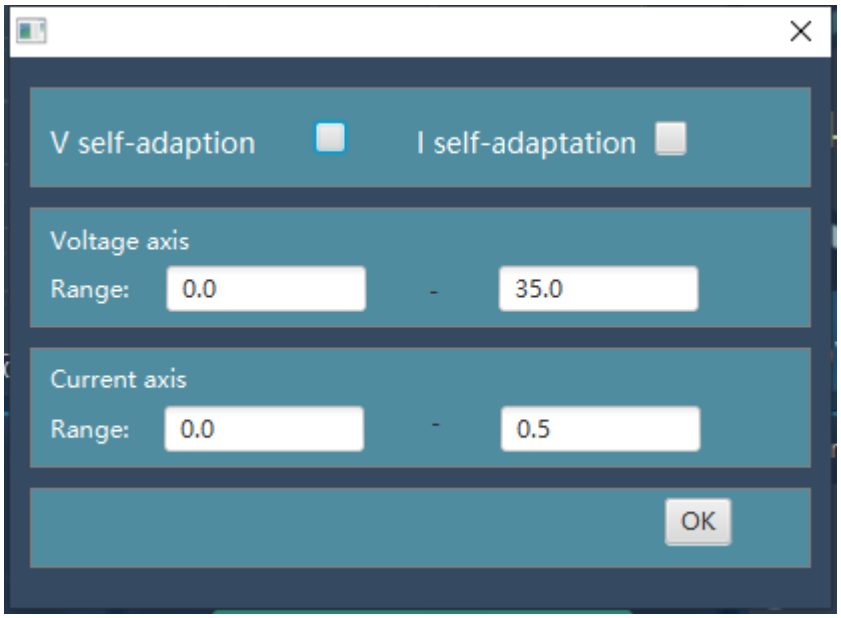
Adaption mode

Click "☐" next to electric pressure shaft adaptive and current adaptive, and the state is "☑". Click "OK" to realize the adaptive mode.



Manually enter a numerical mode

Enter the desired coordinates and click” OK” to confirm the input.



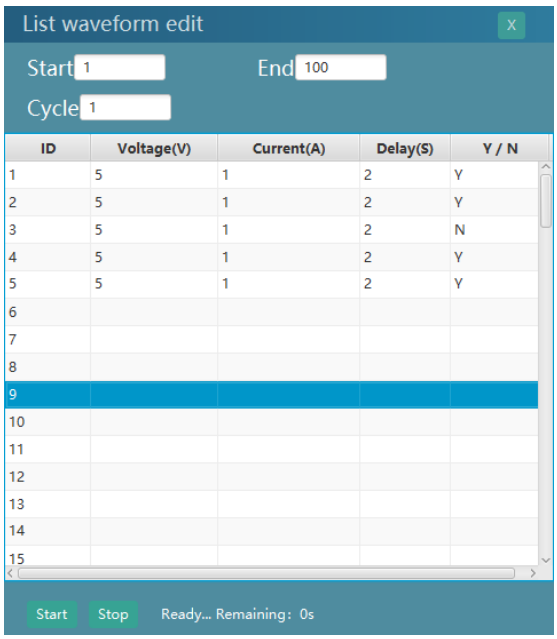
List waveform editing Area

1. Click  in the upper left corner or directly click “**edit**” in the List waveform editing area. Input the required voltage, current, time, and Y/N after the serial number in the table (unchangeable) (when set to Y, the data is normally output; when set to N, the data is not output). The number of data groups can be set to 1-100；

2. Parameter setting: Enter the required parameters in the parameter editing box and press “**Enter**” to complete the parameter setting.

3. Set the start group number, end group number, and period for data output in sequence. Click “**Start”** to output data in sequence.

4. Click “**Stop**” to stop data output.



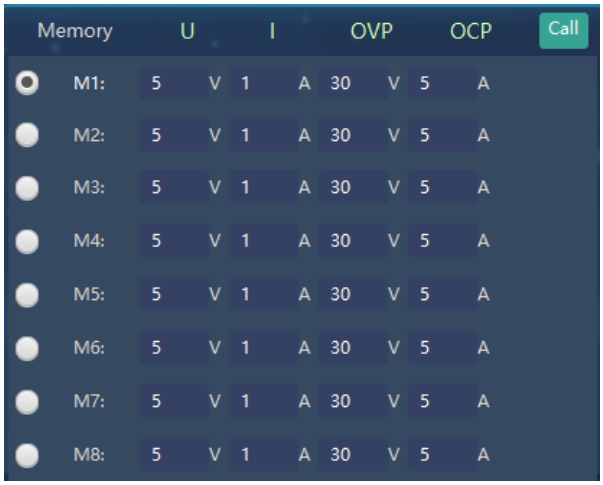
Quick Set Area

We can set 8 groups of common values (M1-M8) by ourselves, which is convenient for subsequent direct calls.

Set the parameter

Let's take setting the M1 parameter as an example：

Click after M1 to make it the selected state. In U/I/OVP/OCP, input the required voltage/current/output overvoltage/output overcurrent values, and so on, up to 8 groups of values can be input.



Call the numerical

Let's take setting the M1 parameter as an example：

Click after M1 to make it the selected state, Click the “**Call**” in the upper right corner of the quick setting area to quickly deliver the four parameters U/I/OVP/OCP to the power supply.