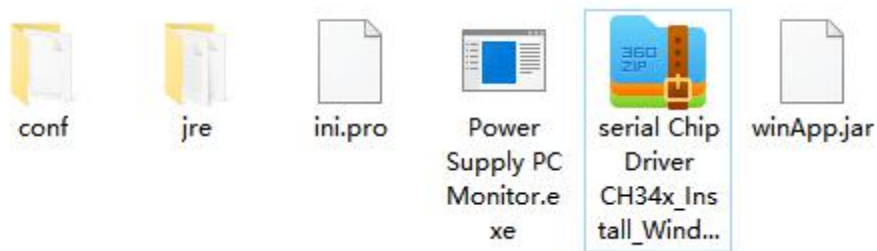# Power Supply PC Monitor

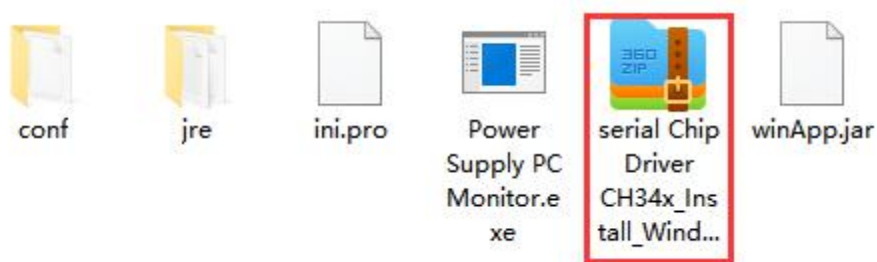# Software Instruction

Install Driver

1. Decompress software package "Power Supply PC Monitor V X.X.X" to the following files.


conf · jre · ini.pro · Power Supply PC Monitor.exe · serial Chip Driver CH34x_Install_Wind... · winApp.jar

2. Select the serial chip driver, as shown below:

conf · jre · ini.pro · Power Supply PC Monitor.exe · serial Chip Driver CH34x_Install_Wind... · winApp.jar
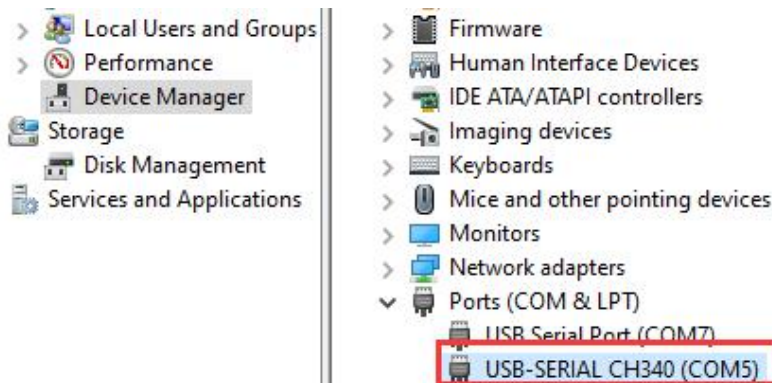
3. Double-click or right-click to decompress the serial port Chip Driver package and install the CH340 driver：
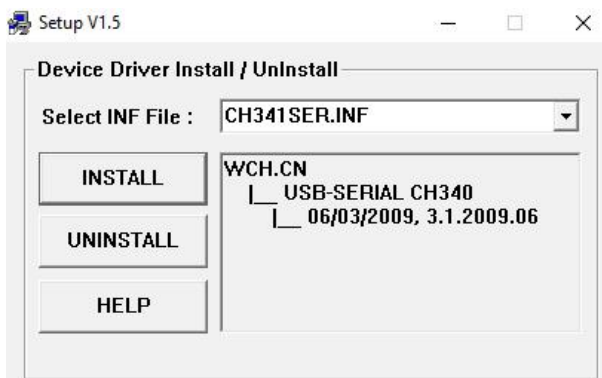
4. Click Install, wait for the installation to complete, click OK, as shown below:
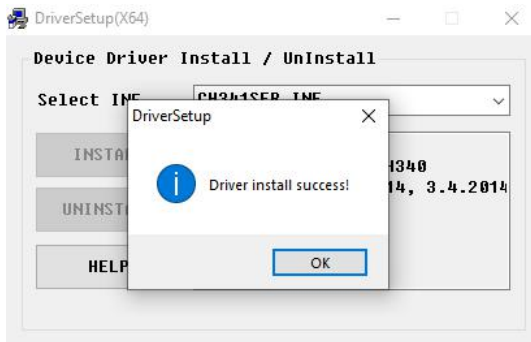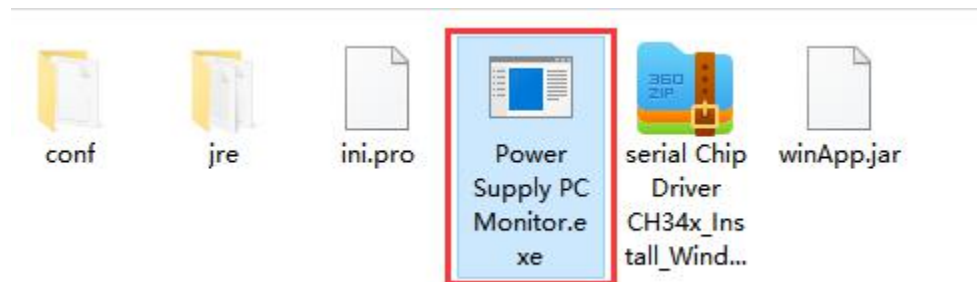
5. Go back to the computer and click device Manager to check the COM number and driver, as shown below :
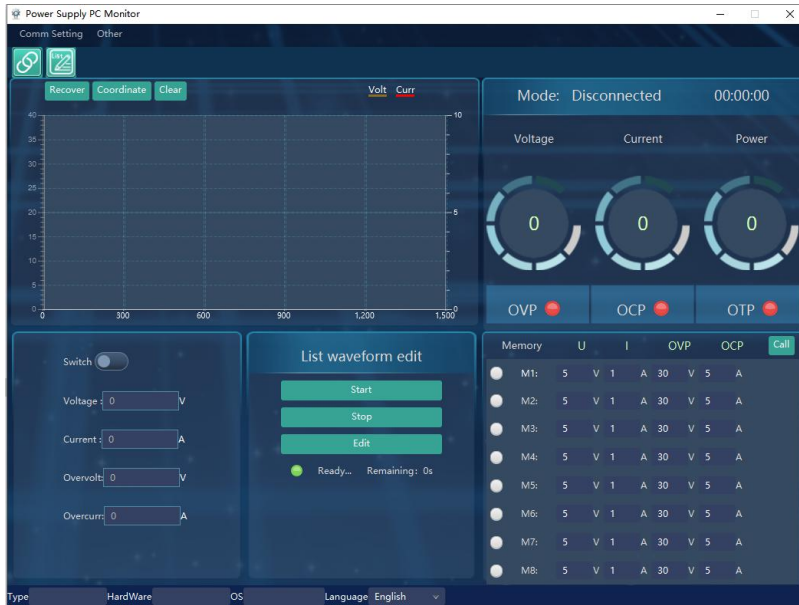

Software Operation

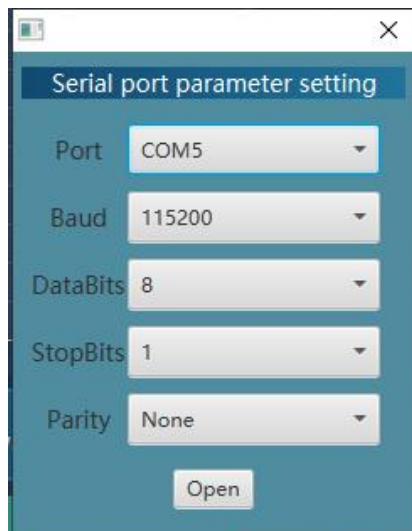Double-click the right mouse button to open the "exe" file, save the other files

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 serial port parameters to set a 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.

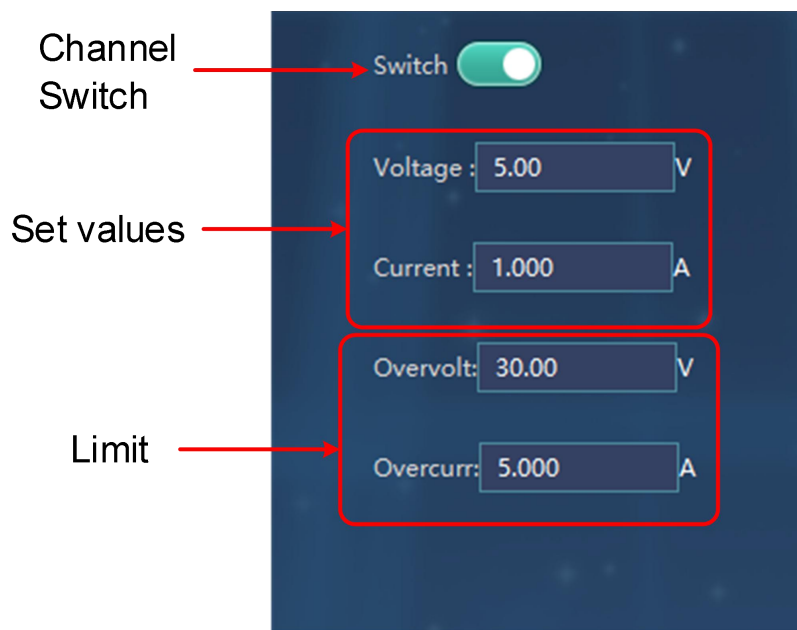3. Click "Open" to complete the control connection of the upper computer.
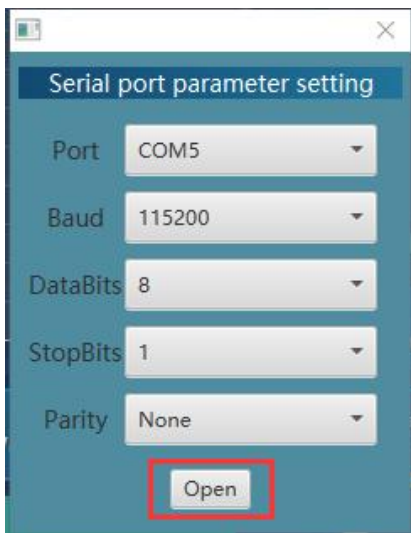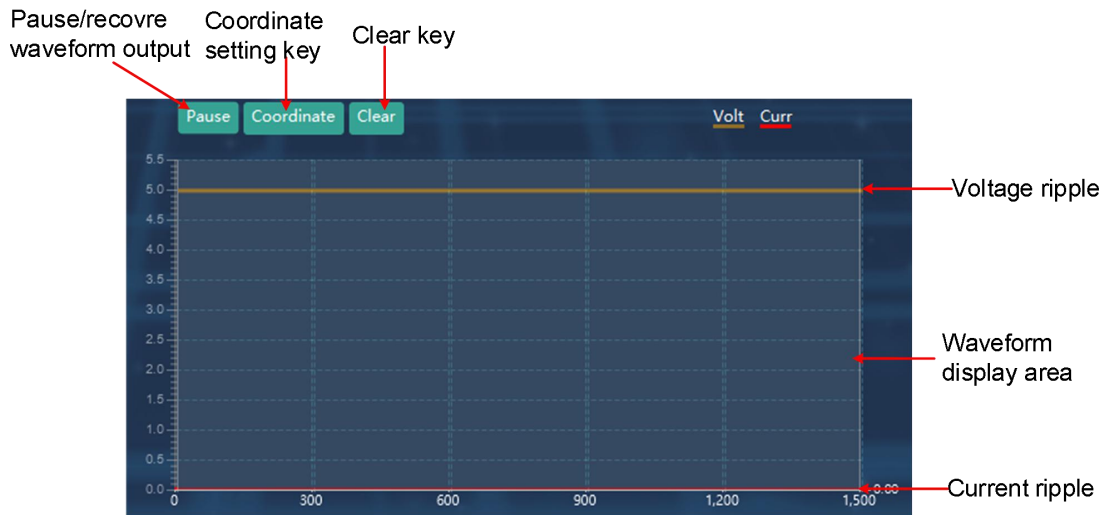
Interface Guide

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.
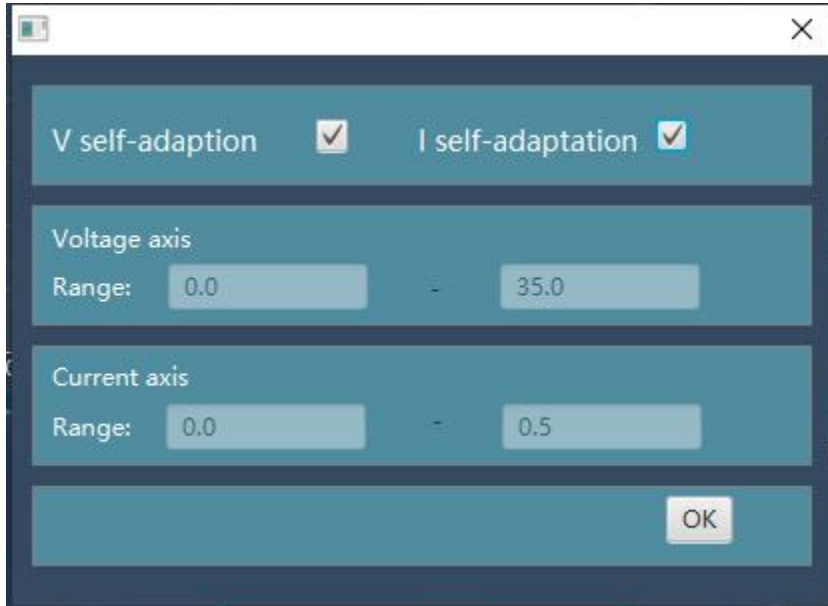
5

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.
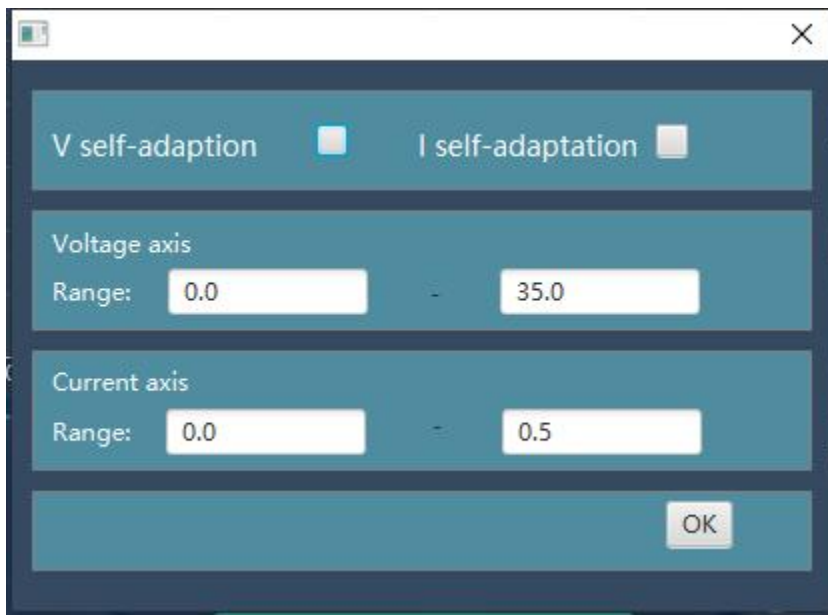
Adaption mode

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.
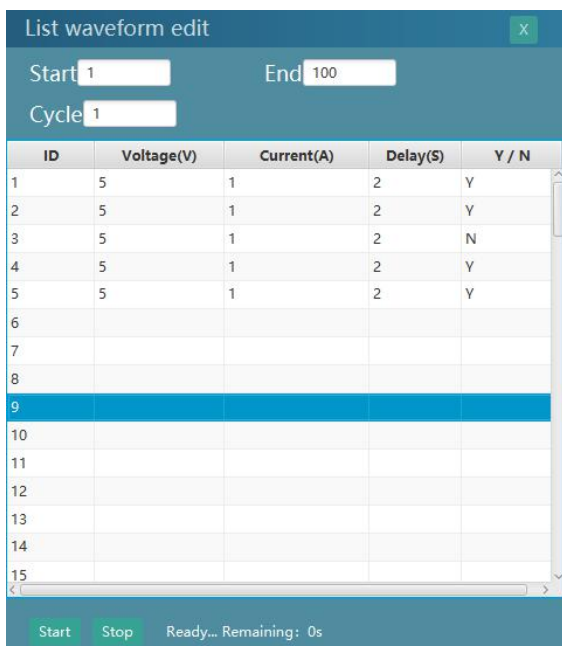
Quick Set Area

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.
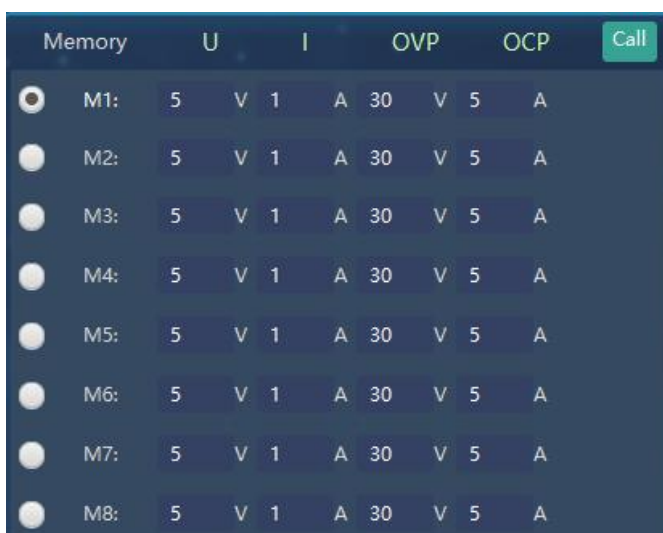
Call the numerical

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.

Memory	U		I		OVP		OCP		Call
⦿ M1:	5	V	1	A	30	V	5	A	
○ M2:	5	V	1	A	30	V	5	A	
○ M3:	5	V	1.0	A	30	V	5	A	
○ M4:	5	V	1	A	30	V	5	A	
○ M5:	5	V	1	A	30	V	5	A	
○ M6:	5	V	1	A	30	V	5	A	
○ M7:	5	V	1	A	30	V	5	A	
○ M8:	5	V	1	A	30	V	5	A	

V1.0