

## Ginlong Software(Wind) User Manual

(Rev. 0.2)

### 1. Hardware list

Ginlong Inverter, RS485 Cable, PC, RS485/RS232 Converter.



Picture 1. Ginlong Inverter



Picture 2. RS485 Cable



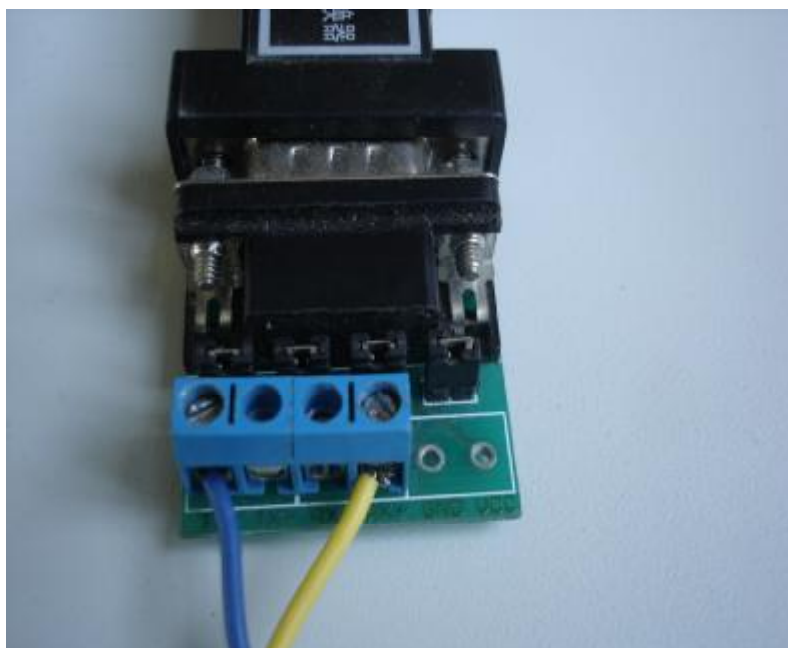
Picture 3. RS485/RS232 Converter



Picture 4. PC

### 2. How to establish a connection between inverter and PC

As shown in picture 1, connect RS485 cable to the COM interface on the Ginlong inverter. The other end of RS485 cable needs to be connected with RS485/RS232 converter. There are two RS 485 cables with different color (yellow and blue); the yellow one needs to be connected with RX + and the blue one to TX- as below in picture 5. Finally, plug Connect RS485/RS232 converter into the PC as below showed in picture 6 and make sure all of the connections are OK.



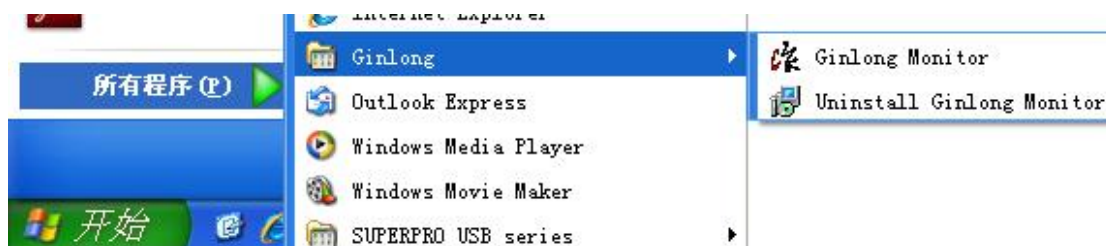
Picture 5. RS 485 cable with RS485/RS232 Converter



Picture 6. RS485/RS232 Converter connected with PC

### 3. Start with Ginlong Monitor Software

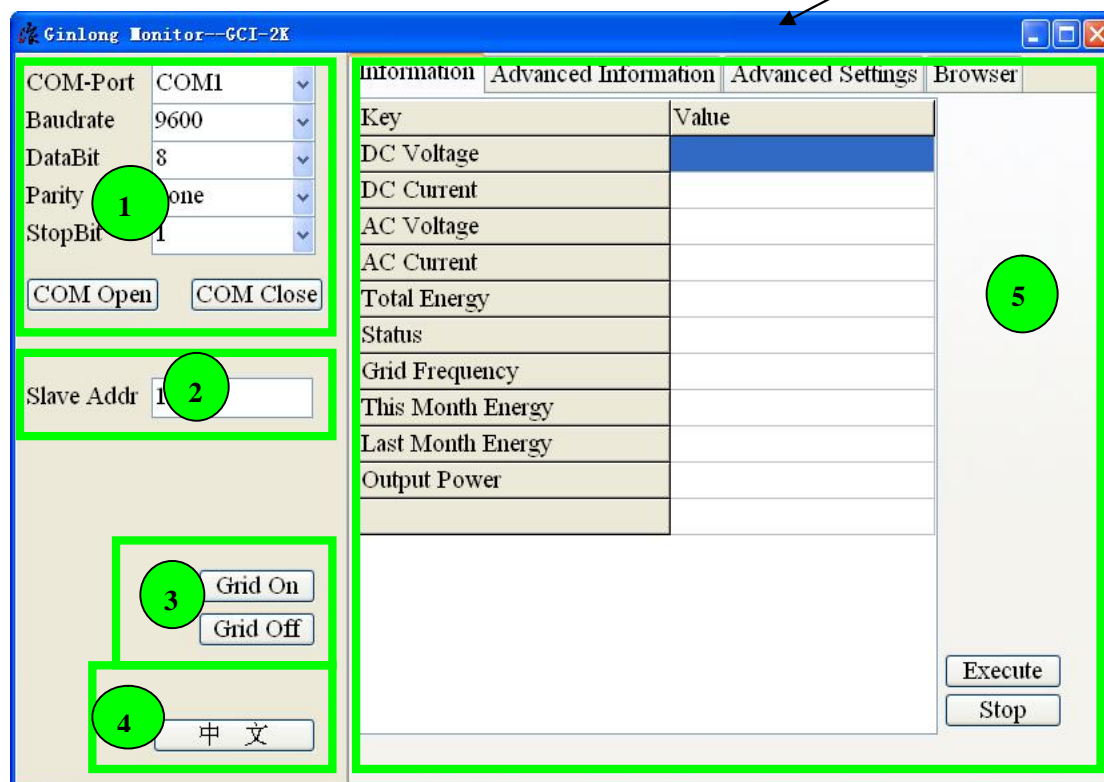
Double click the icon of Ginlong Monitor to start to run Ginlong software as showed below.



Picture 7. Start Ginlong software

### 4. Main Interface.

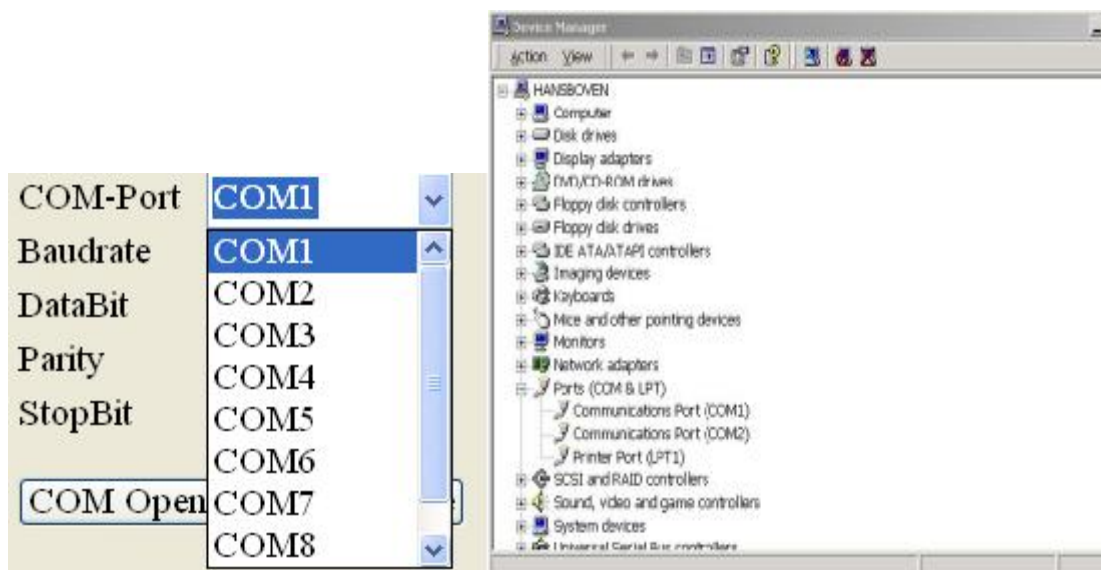
Runtime Menu



Picture 8. Software main interface

#### 1. COM-Port configuration:

Choose the correct COM-port as the same as the port which RS485/RS232 Converter connected with, then click “Com Open” to open the serial port. If you want to switch to another serial port, please click “Com Close” to close the existing serial port first, and then choose and open another serial port which the converter connect with.



2

### Slave Address :

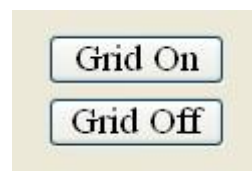
After step 1, please set the slave address, the slave address must be as the same as the slave address in the inverter which you connected. The default value in the inverter is "01". You can change the slave address in the Ginlong inverter between "00" and "99", and set the corresponding address in the software to match with the inverter.



3

### Grid control:

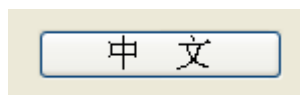
If you want to do the advanced settings (e.g. power curve settings, standards selection, etc), please click the "Grid Off" before you do any setting. After setting is done, click "Grid On" and check the information you set.



4

### Language:

This button is used to select the right language of the software.



5

## System information and settings:

The user can check the inverter's information and status as below.

Information		Advanced Information	Advanced Settings	B.
Key	Value			
DC Voltage				
DC Current				
AC Voltage				
AC Current				
Total Energy				
Status				
Grid Frequency				
This Month Energy				
Last Month Energy				
Output Power				

After the slave address and COM-Port both set successfully, click“**Execute**” to receive the information from the inverter.



## 5. How to use the Advanced Information and Advanced Setting

### 1) How to use the Advanced Information:

Click the **Advanced Information** and **Advanced Settings**; you will see that you need **Advanced Password**.

Advanced Password



The initial password is either“**0000000**” or “**0010**”.

Information	Advanced Information	Advance
Key	Value	
Inverter Temperature		
Error Code		
Model		
Software Version		
Standard		

## 2) How to use the Advanced Settings

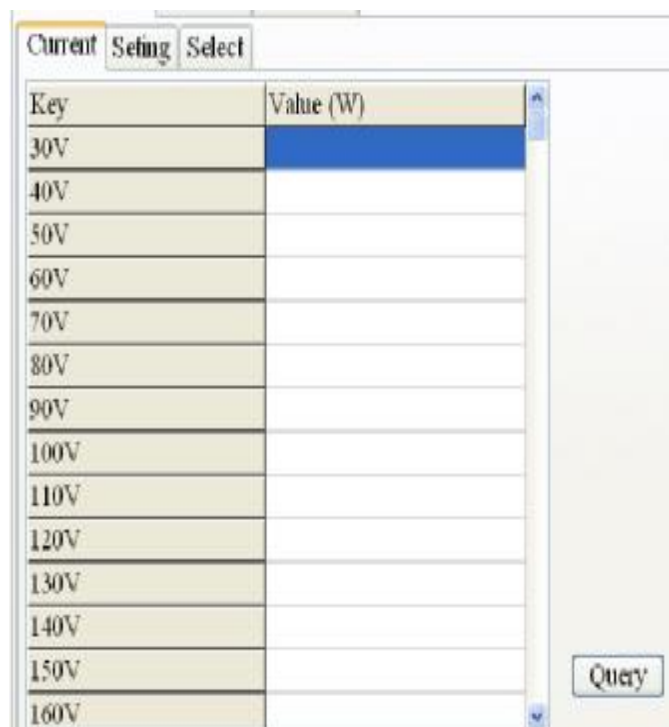
The password is either “00000000” or “0010”.



### I Power Graph:

#### Current:

Click “Query”, inverter’s current power curve is displayed in the list.



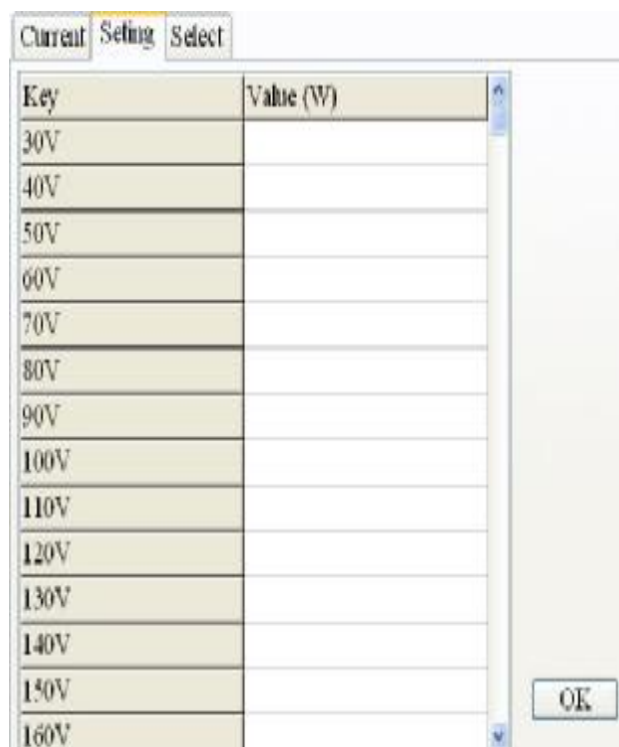
The screenshot shows a window titled 'Current' with sub-menus 'Setting' and 'Select'. It contains a table with two columns: 'Key' and 'Value (W)'. The 'Key' column lists voltage values from 30V to 160V in increments of 10V. The 'Value (W)' column is currently empty. A 'Query' button is located at the bottom right of the window.

Key	Value (W)
30V	
40V	
50V	
60V	
70V	
80V	
90V	
100V	
110V	
120V	
130V	
140V	
150V	
160V	

#### Setting:

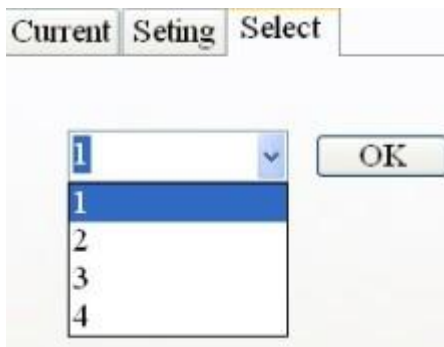
If want to set new power curve values, please firstly set grid off: as introduced in Chapter 4, then

you can set the correct power curve values as per your demands. The **Value (W)** must be set from small values to larger values. The last line is **Power Graph Version**, define it between 1 and 4. If all above are done, please click **“OK”**, and you will see a window pop-up as below. You have to move to next step of **“Select”** before you can really change the settings to the power curve values as you just set.



**Select:**

First set the “grid off” as in Chapter 4, select the power curve with the version you want to set, and then click **“OK”**. Click **“Grid On”**, then you can query the **Current** power curve and check.



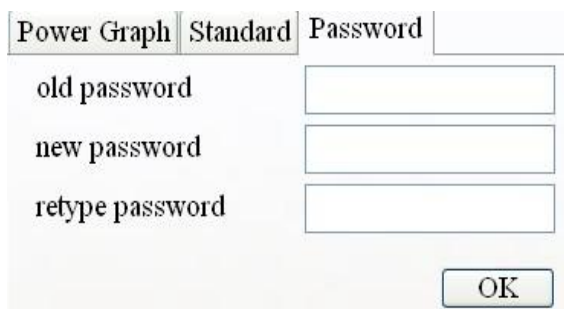
**I Standard:**

Firstly set the “grid off” as in Chapter 4, and then you can choose the “**Standard Version**”, click “**Execute**”, then “**Grid On**”. In the advanced information, you will see the **Standard Version** had been changed.



**I Password:**

In this section, you can change the “**Advanced Password**”.



A screenshot of a password change dialog box. At the top, there are three tabs: 'Power Graph', 'Standard', and 'Password'. The 'Password' tab is selected. Below the tabs, there are three input fields: 'old password', 'new password', and 'retype password'. At the bottom right, there is an 'OK' button.

**6. Browser.**

In this panel, you can browse the Web.

