

Isuna 6000SO host computer upgrade guide

catalogue

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1.Preface

This upgrade guide is used for Isuna6000SO to upgrade the host computer.

2.Preparation before upgrading

Tools required: computer, RS485-USB converter.

Software required: SmartPowerMonitor, serial port driver.

Firmware list:

Serial number	File Type	File Description
1	ARM	Isuna6000SO_ARM_APP_V120B000.bin
2	DCDC	Isuna6000SO_DCDC_APP_V120B000.bin
3	DCAC	Isuna6000SO_DCAC_APP_V120B000.bin

Before upgrading, download the software and upgrade firmware to your computer.

3.Upgrade steps

3.1 USB converter connection

The RS485-USB converter is connected as shown in Figure 1 below. Connect the USB port to the computer, as shown in Figure 3, and the RJ45 network cable port is connected to the RS485/OP port of the inverter (as shown in Figure 4)

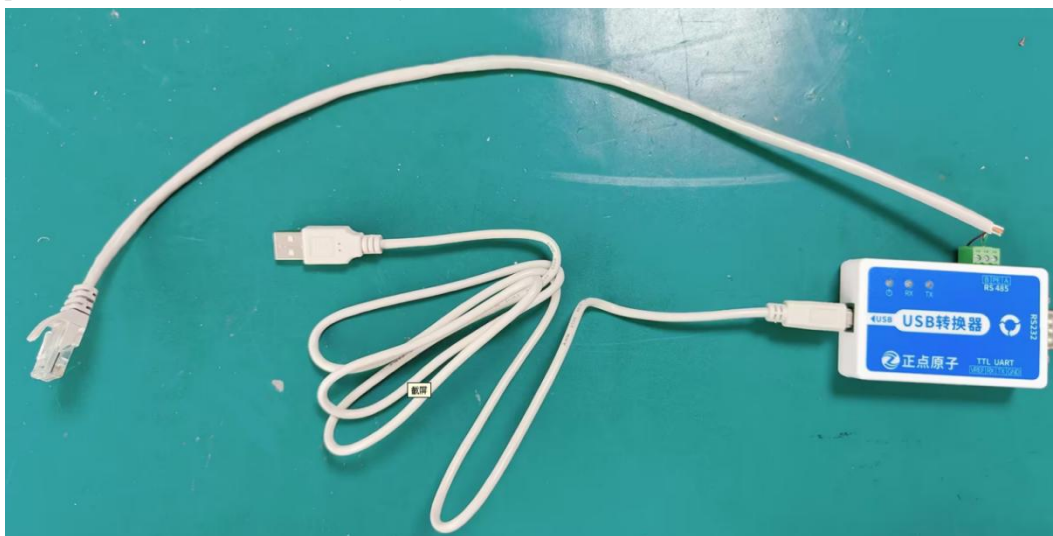


Figure 1



Figure 2



Figure 3

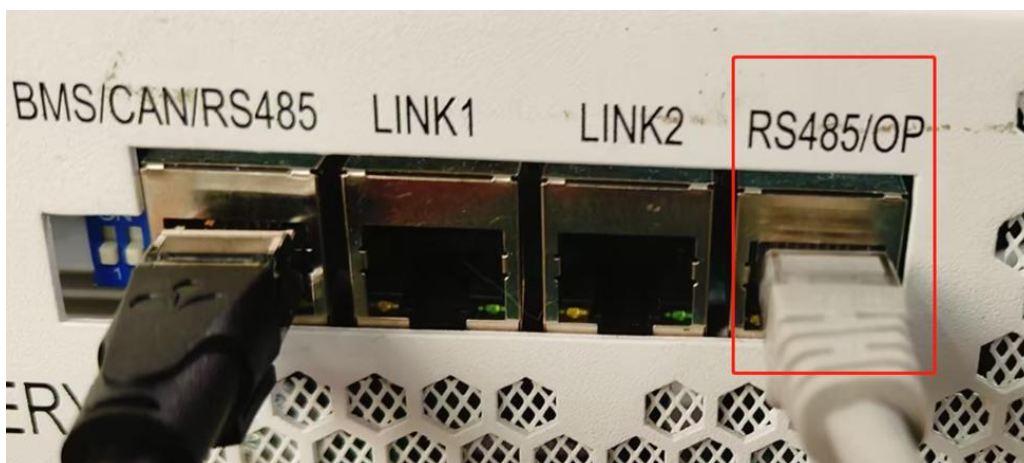


Figure 4

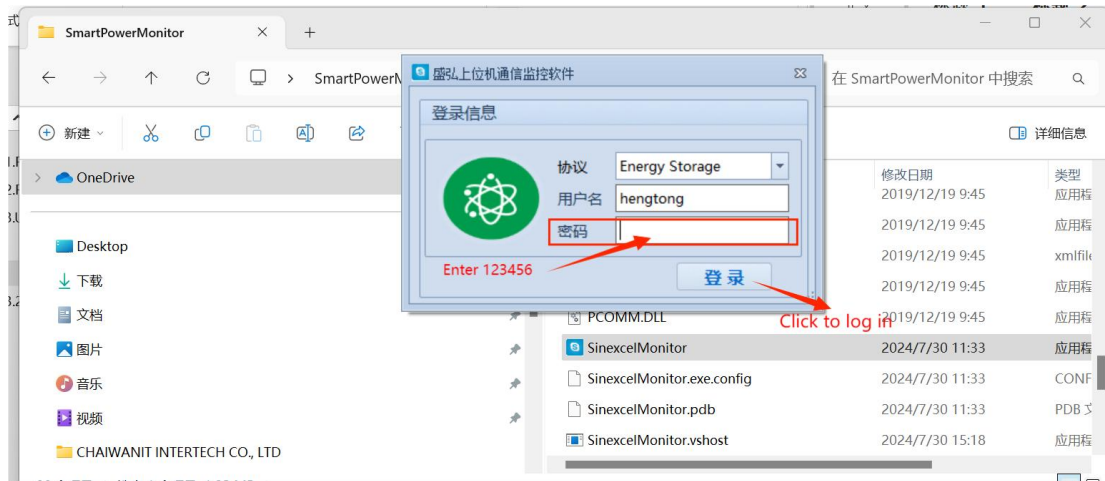
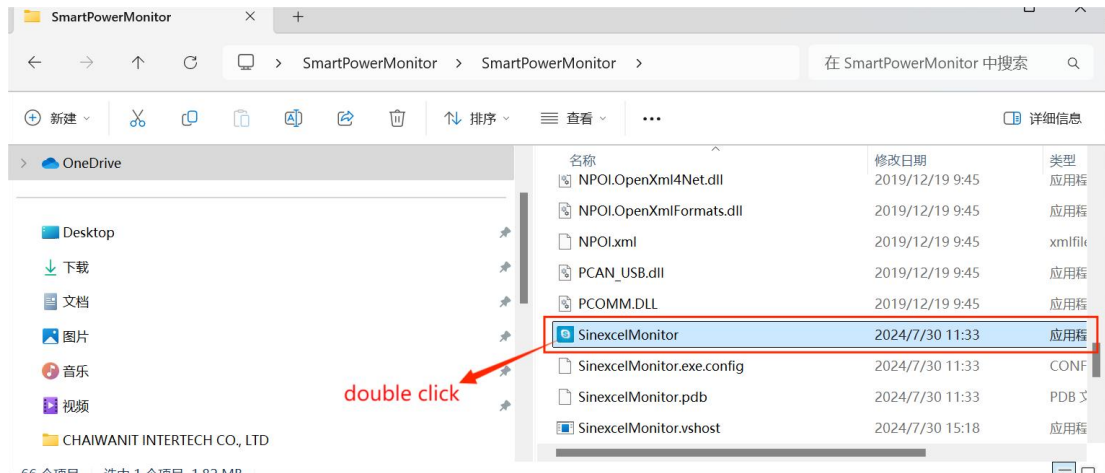
3.2 Computer software installation

1. If the computer cannot identify the USB port, you need to install the serial port driver software; if it can be identified, you do not need to install.



2. Unzip the attached file SmartPowerMonitor.zip to the desktop, open the folder, double-click SmartPowerMonitor, enter the password 123456 in the pop-up box, and click Login





3.3 Software Upgrade

1. Power on the inverter (connect to the grid or battery). Wait for the inverter LCD screen to light up
2. Check whether the settings are as shown below (the COM port depends on the USB port connected to the computer, Check in the device manager of your computer). Click Open after checking

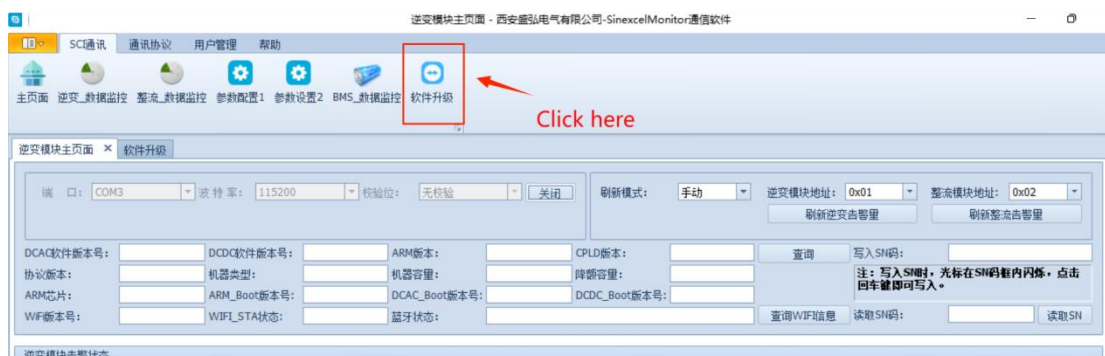




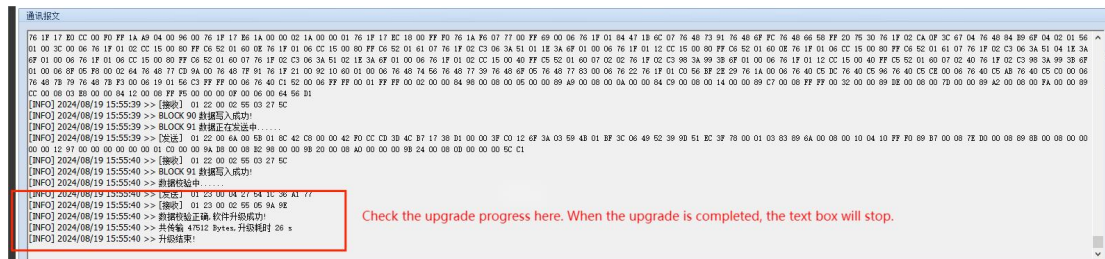
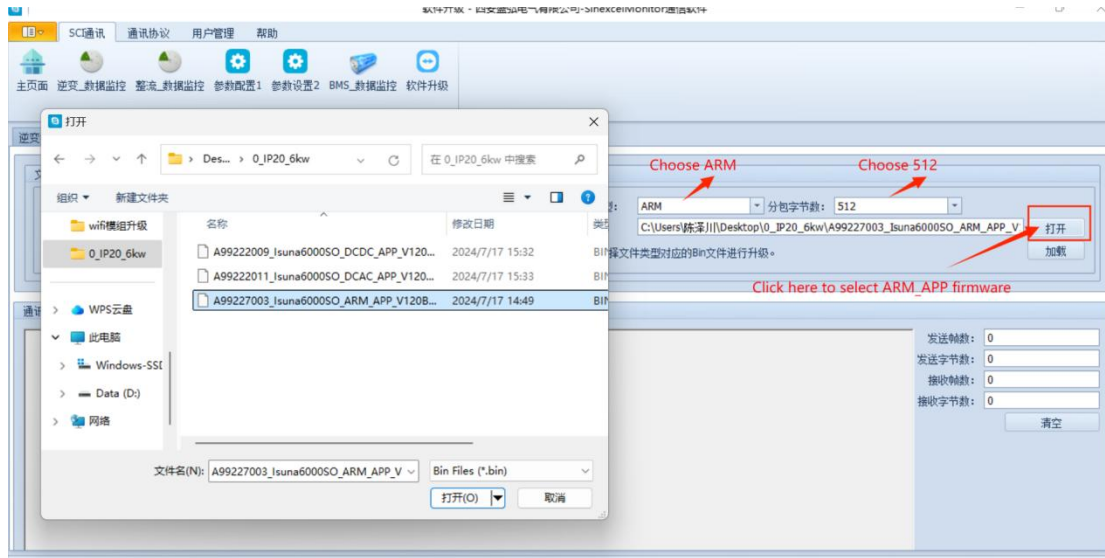
3. If the connection is successful, click the position shown in the figure below. The inverter operation status will be displayed; if not, you need to check whether the above steps are correct.



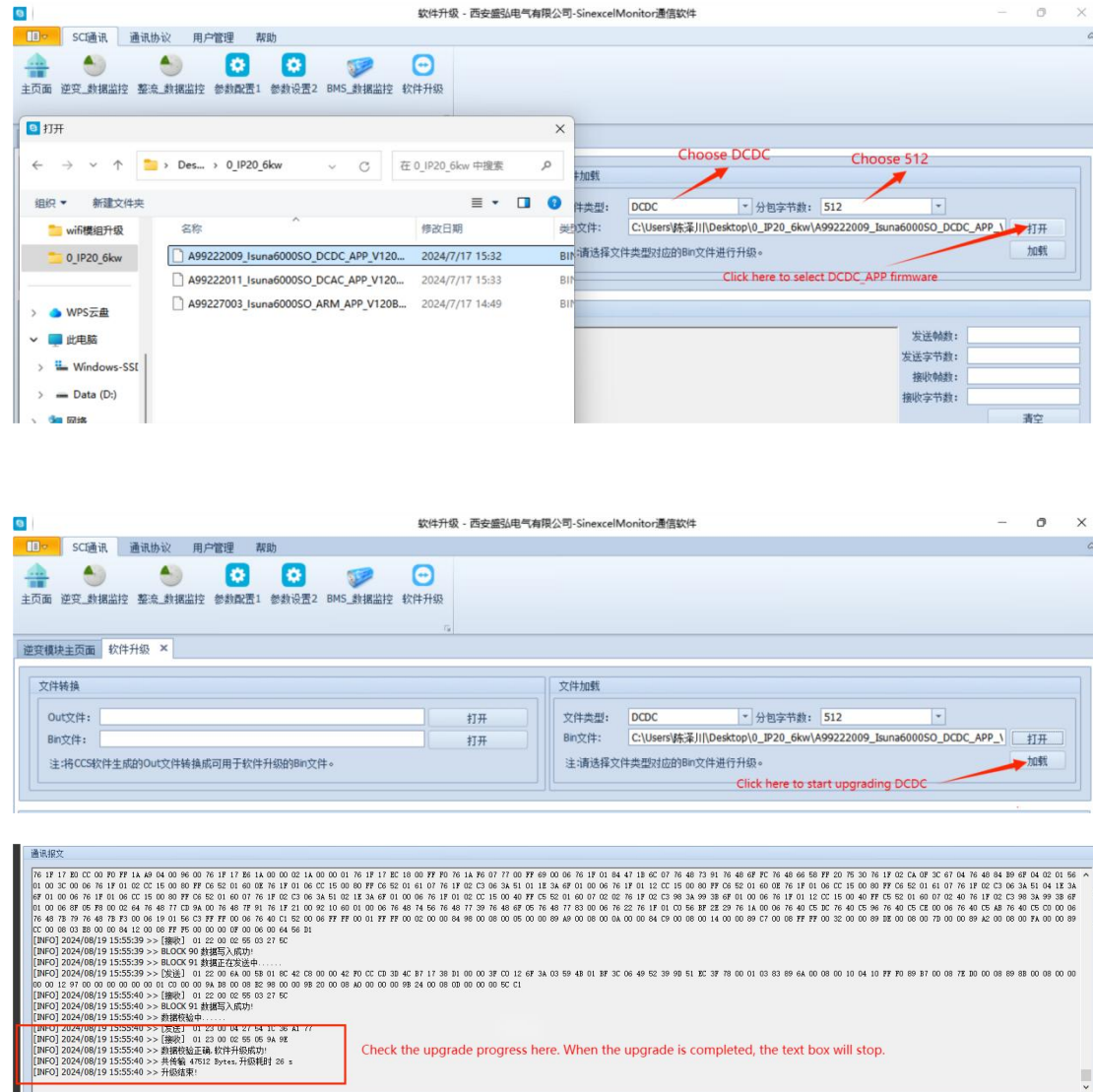
4. Click the location shown in the figure below to upgrade the software



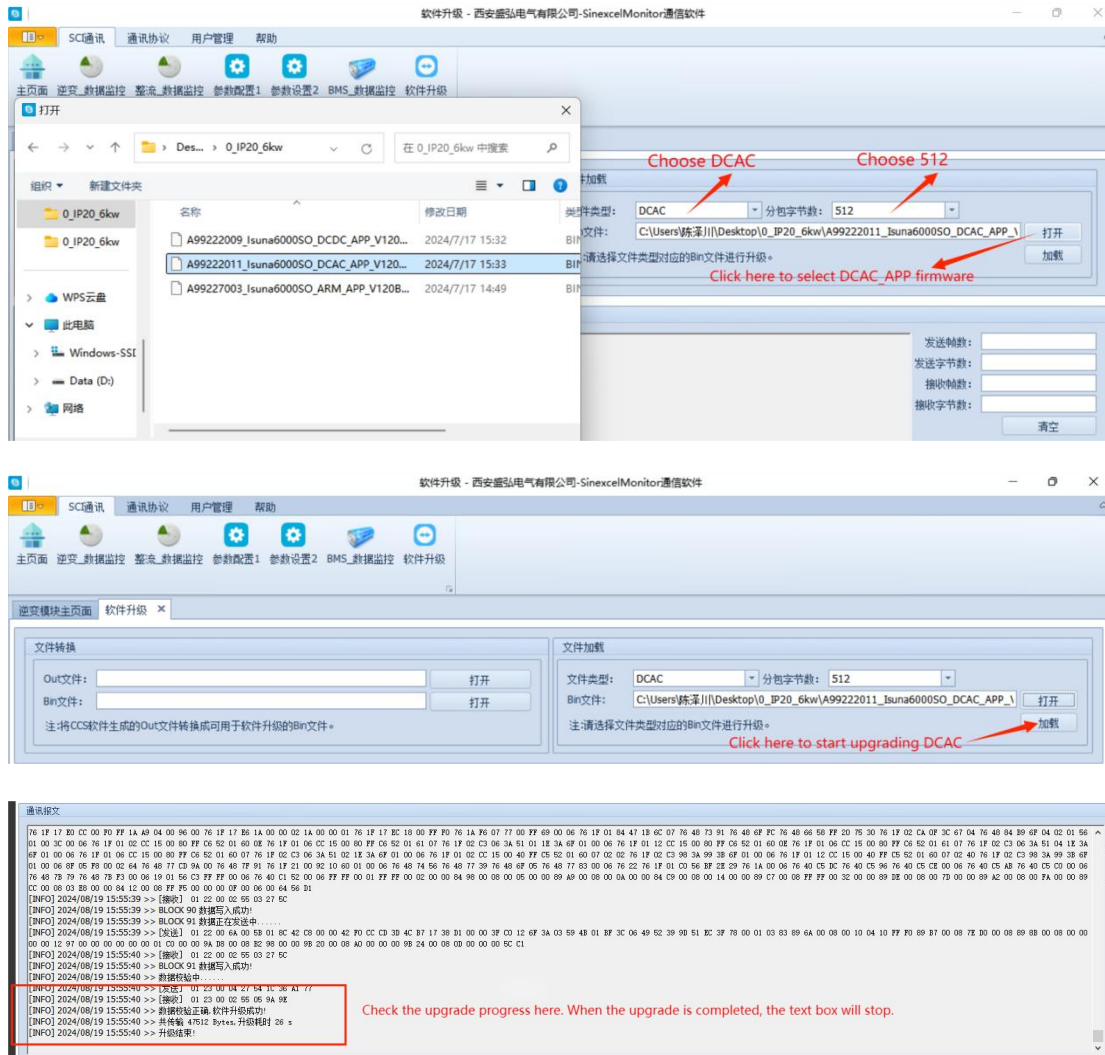
5. Follow the steps shown in the figure below to upgrade the ARM firmware



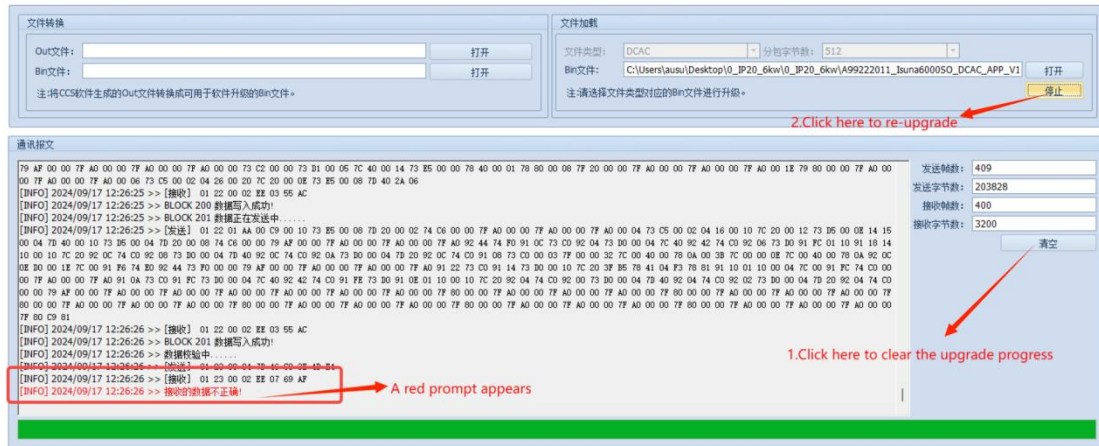
6. Follow the steps shown in the figure below to upgrade the DCDC firmware.



7. Follow the steps shown in the figure below to upgrade the DCAC firmware



8.If the following situations occur during the upgrade process, re-upgrade as shown in the figure below



9.After the upgrade is complete, return to the main interface to check whether the upgrade is successful.

