

I Introduction

SOLAX_upgrade is an easy-manipulative software used for upgrading inverter/manager/charger firmware to add new function. End-users can operate by themselves.

SOLAX_upgrade applies to X-Hybrid Series/X1-LX Series.

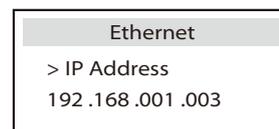
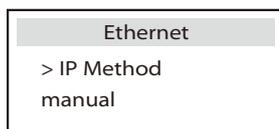
II Preparation

- Please ensure the inverter is steadily powered on.
- Inverter must connect PV panels(PV voltage must more than 150V) and grid through whole steps of upgrading, and please do the operation on a sunny day to prevent inverter from losing power.
- For X-Hybrid Series inverter, it should be turned to "OFF Mode"(the rocker switch on the bottom of inverter) before upgrading. And when upgrading charger firmware, please keep the battery on to power the inverter .
- Please prepare a PC and a standard network cable.

III Obtain inverter IP Address

3.1 Please enter setting page on LCD. ("Setting" → "Password" → "Ethernet")

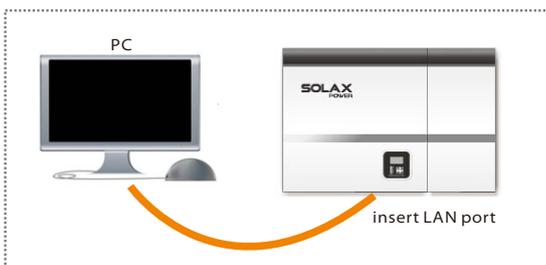
3.2 Please set the mode to "manual" and record IP Address shown on the LCD.



Note: If it shows "auto" mode, the inverter must be restarted before changing the mode from "auto" to "manual".

IV Connect inverter to PC

4.1 Use a standard network cable to connect inverter to PC.

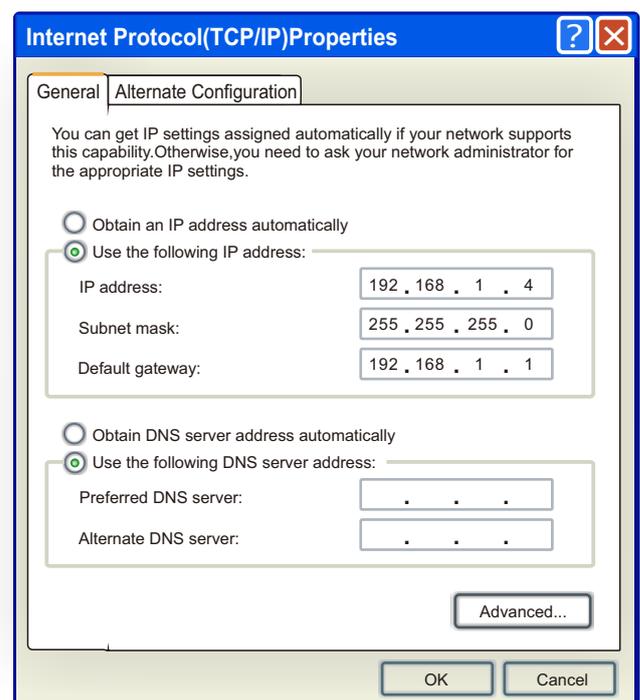


4.2 Turn wireless of PC off.

4.3 Set PC's IP address.

Open Local/Wireless Network Connection Properties on PC, set Internet Protocol (TCP/IP) to choose "Use the following IP address" mode, and type in IP address manually which should be in the same gateway with inverter.

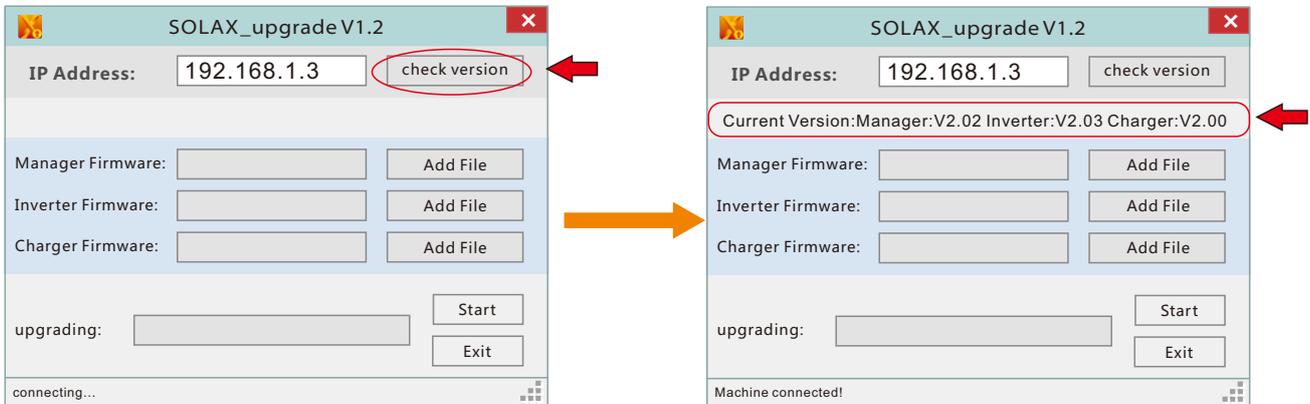
For example, inverter's IP address is 192.168.001.003, you can type in 192.168.001.004 on PC (last three digits should be different).



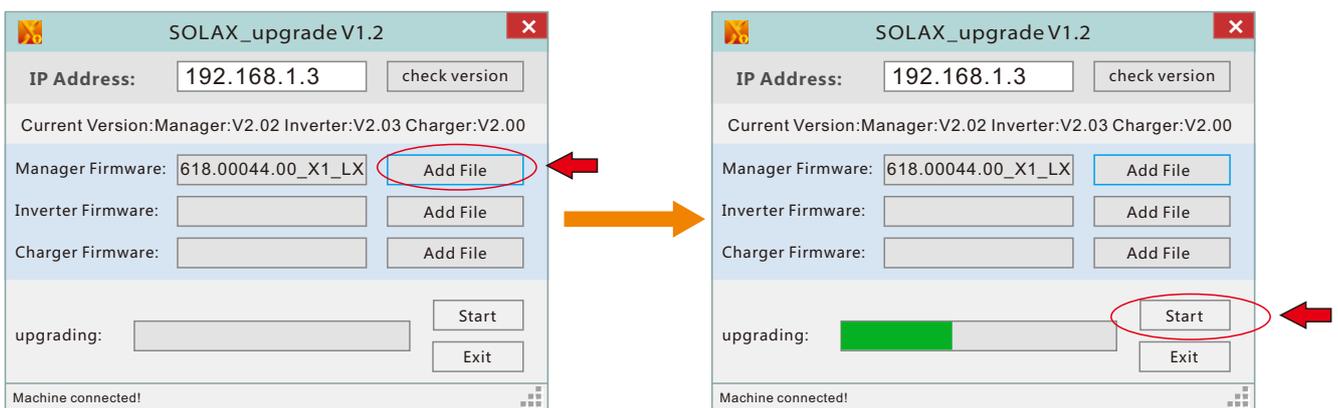
Note: Operate the software as administrator by right click if using WIN7 or above version.

5.1 Open SOLAX_upgradeV1.2 software.

5.2 Type in inverter's IP address and click "check version". If previous operations are all correct, it will show current version as below.

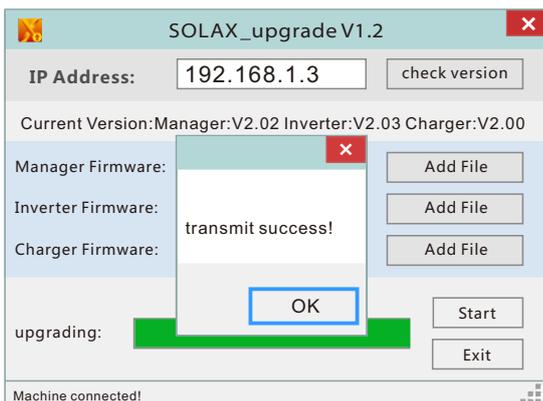


5.3 Choose corresponding firmware through select file, then click "Start".

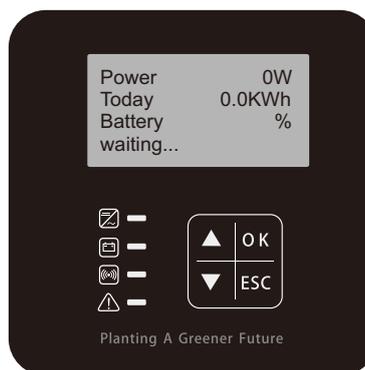
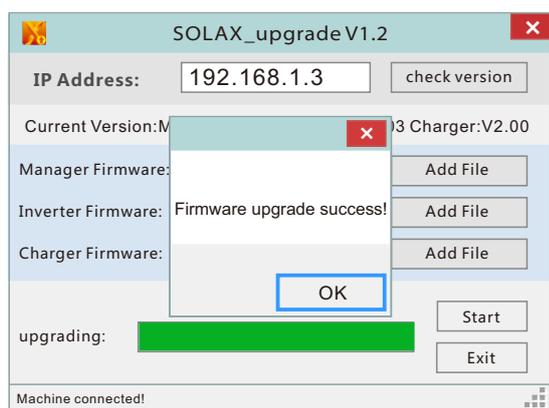


Note: If user need to upgrade more than one firmware, please upgrade them one by one.

5.4 During manager firmware upgrading, if it shows "transmit success!" on software page and then "OK, reboot now!" on inverter LCD, it means manager firmware has been upgraded successfully.



During inverter firmware or charger firmware upgrading, if it shows "DSP upgrade success!" on software page and "waiting..." on inverter LCD, it means inverter or charger firmware has been upgraded successfully.



Note: After all firmwares have been upgraded successfully, please restart the inverter.

VI Troubleshooting

- Losing power during upgrading will lead to the gravest error, once this happens, please contact your installer or call our service hotline.
- Any error happens during upgrading except above, it can be solved by following below steps.
 - step1: Check whether network cable is in good condition.
 - step2: Close the upgrading firmware, and re-open it. Then please re-try the upgrading operation again.
 - step3: If last step can not work, please restart PC, then upgrade software again.
 - step4: If all above operations are failed, please contact your installer or call our service hotline.

VII Appendix



Service hotline

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Australia: 1300 476 529

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