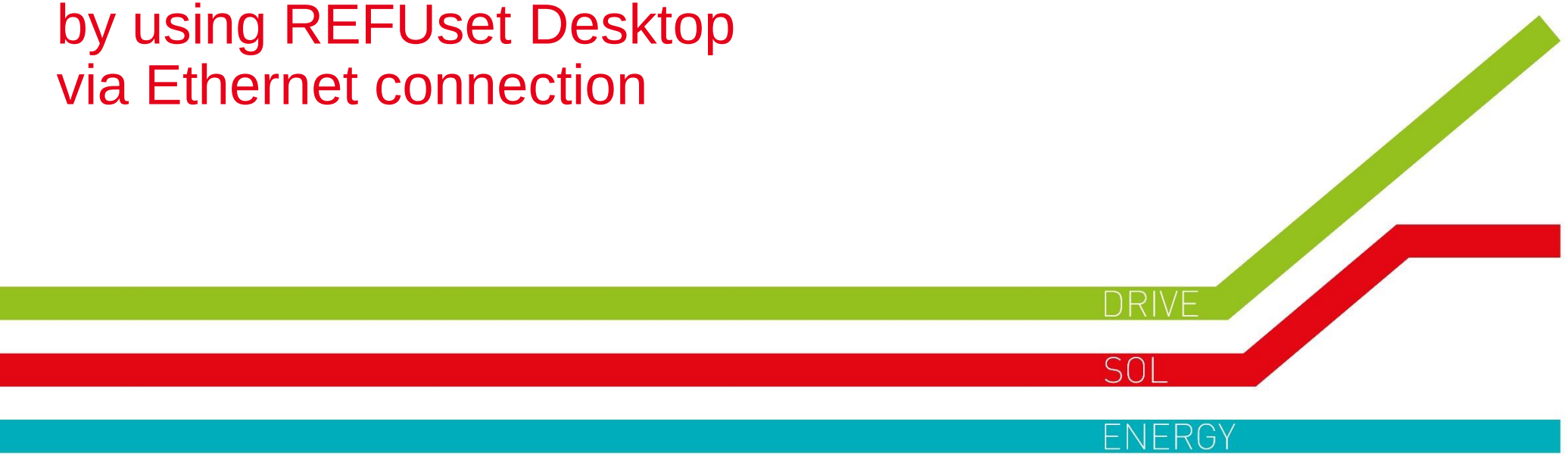
How to set up a new inverter

REFUsol 100K
REFUstore 50/88K

by using REFUset Desktop
via Ethernet connection



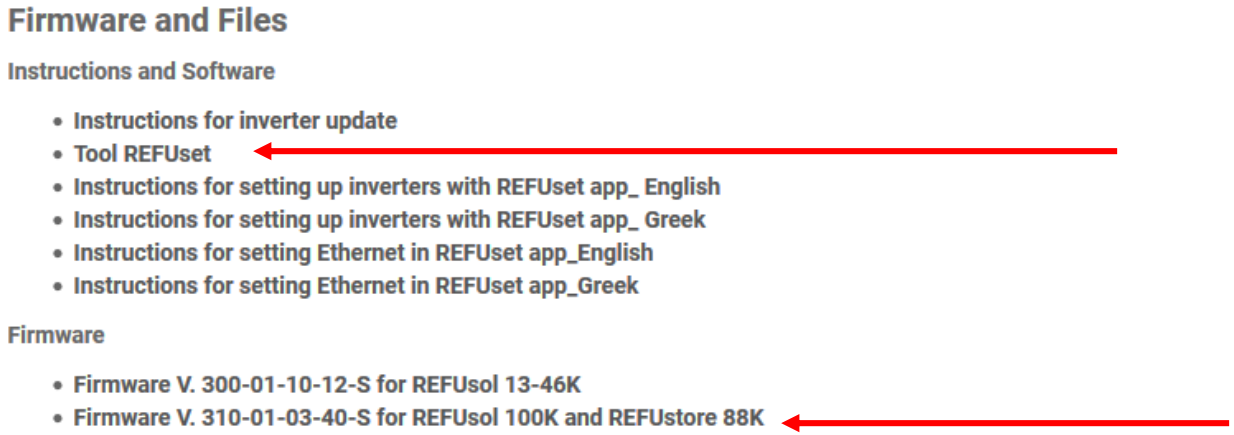
Download REFUset and get Firmware package

Visit our website: www.refu.com and in the download area you can find REFUset configuration tool:

https://www.refu.com/en/downloads/

Download the setup file and install it in your computer.

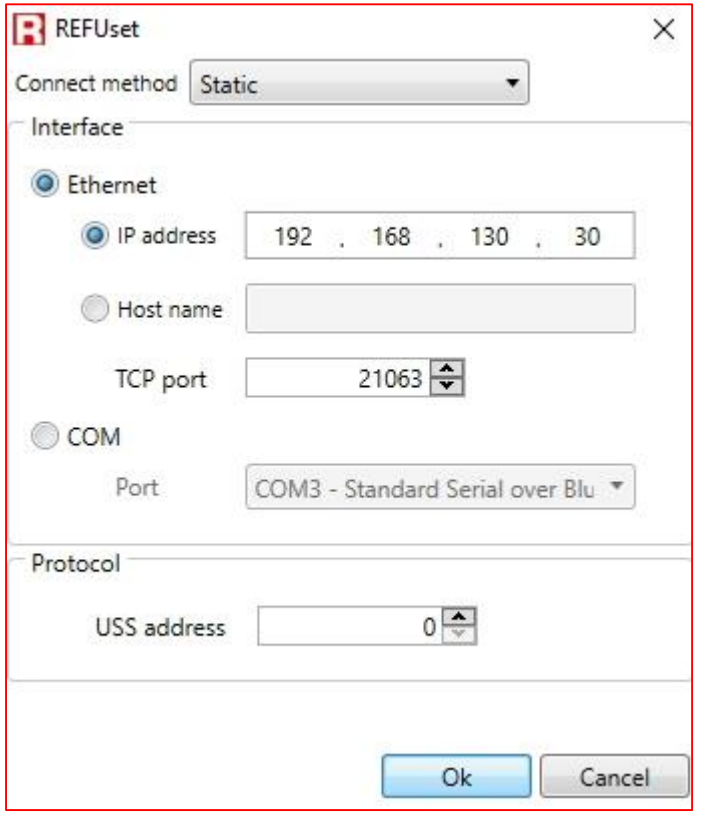
Also download Firmware version for REFUsol 100K / REFUstore 50K/88K. It is a zip file. Extract the file to your PC.



Install REFUset and connect to inverter

Once installation is complete, connect your PC to inverter by using an Ethernet cable.

Then double click the icon in order to launch REFUset 



Connection window opens:

- Select the IP Address of the Inverter that you want to connect to
- Click “Ok” icon

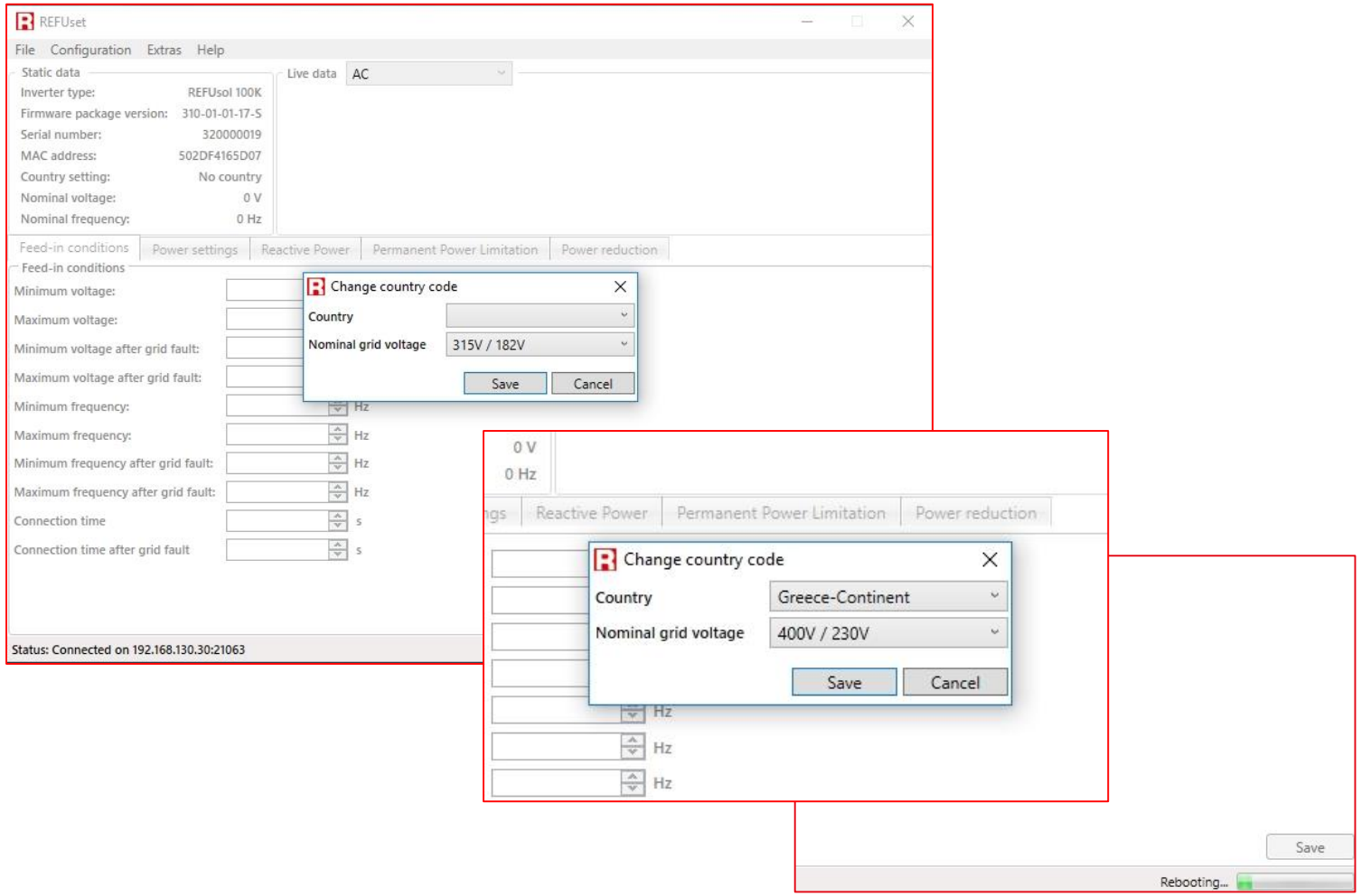
Note: PC and Inverter must be under the same Local Network

Check Network Connections → Ethernet → Internet Protocol Version 4 (TCP/IPv4)

Factory default IP address of inverter is 192.168.130.30

Set Country and Nominal grid voltage

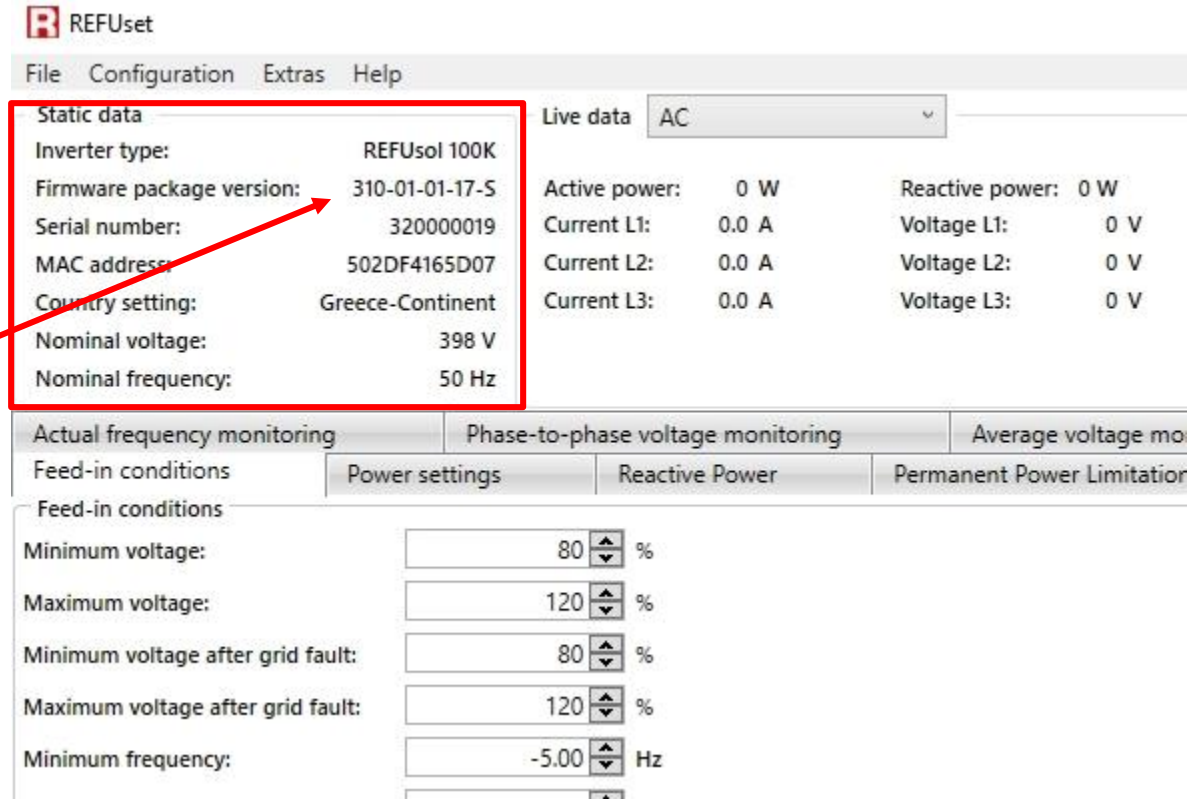
Once your PC is connected a window will pop up in order to select the Country and the Nominal grid voltage.
Please select carefully the voltage from the drop down menu.
Inverter will save these settings and reboot.



Check FW version

Once you connect again, in the upper left box, you can see all inverter details.
In case the Firmware package version is older than the one you downloaded from REFU's site, you have to update inverter.

e.g.
The actual FW version is 310-01-01-17-S.
On site there is a new version (310-01-03-40-S)
So a FW update is recommended.



Firmware

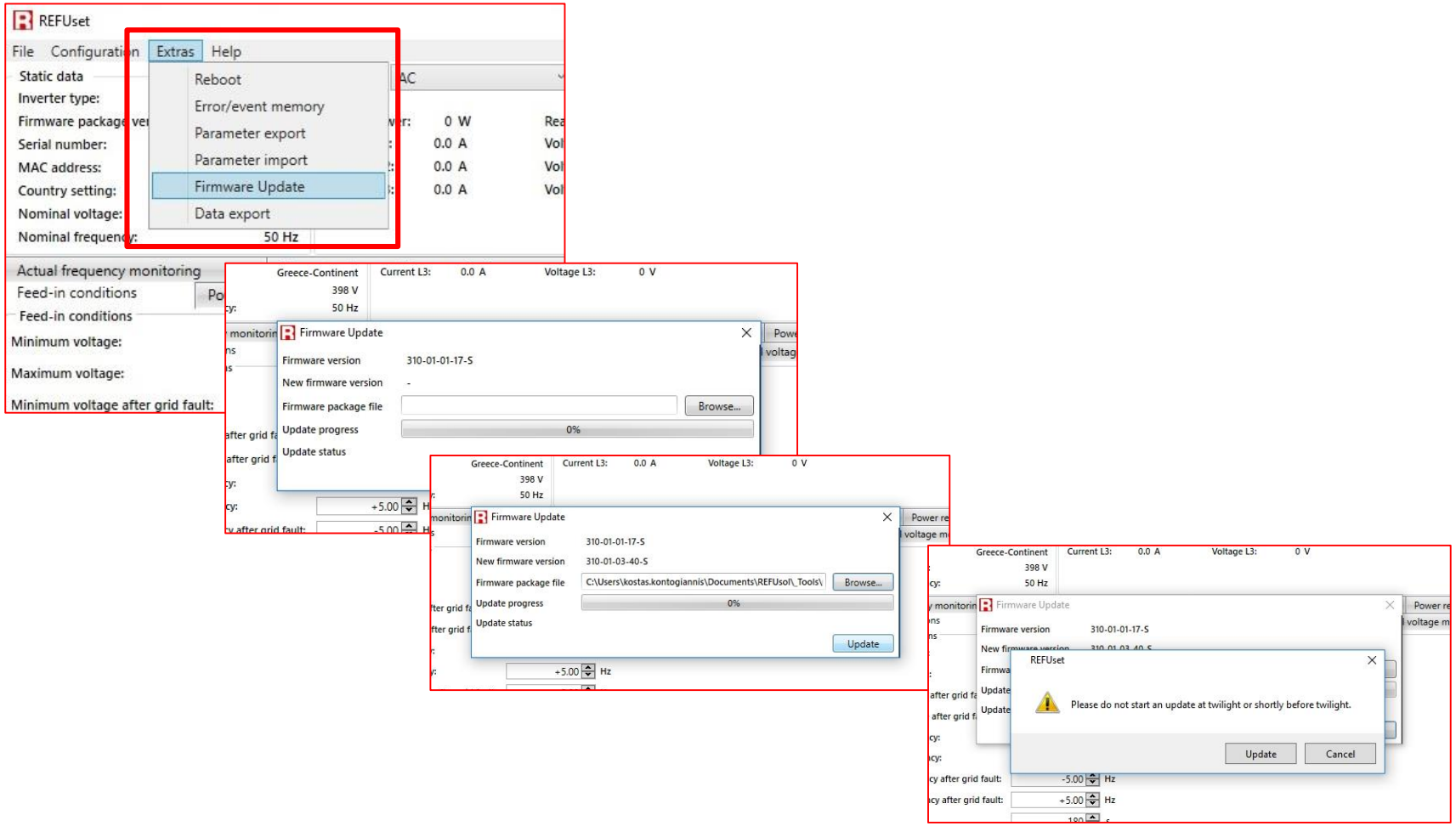
- **Firmware V. 300-01-10-12-S for REFUsol 13-46K**
- **Firmware V. 310-01-03-40-S for REFUsol 100K and REFUstore 88K**

Update FW version

Go to Extras → Firmware Update
Select the FW package you downloaded.

Click on Update button.

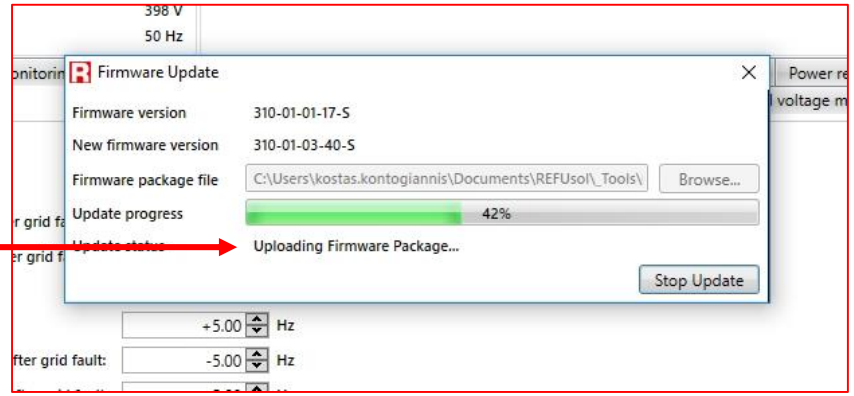
A message will appear informing you that you should not update inverter if time is close to sunset.
Click on “Update” again.



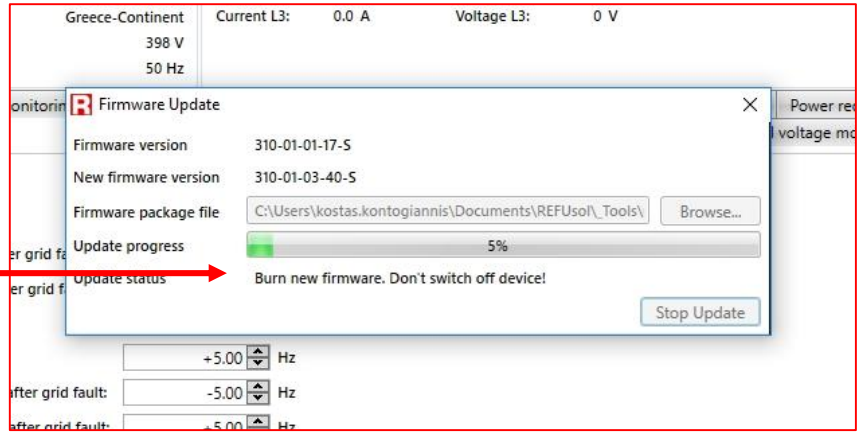
Update FW version

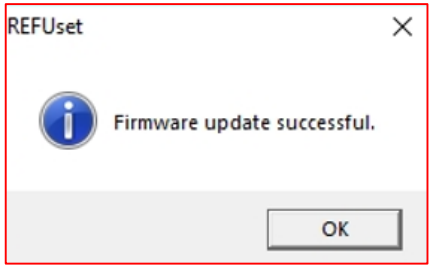
Update has two stages:

- Uploading new Firmware from PC to inverter
- Inverter is updating (burn)



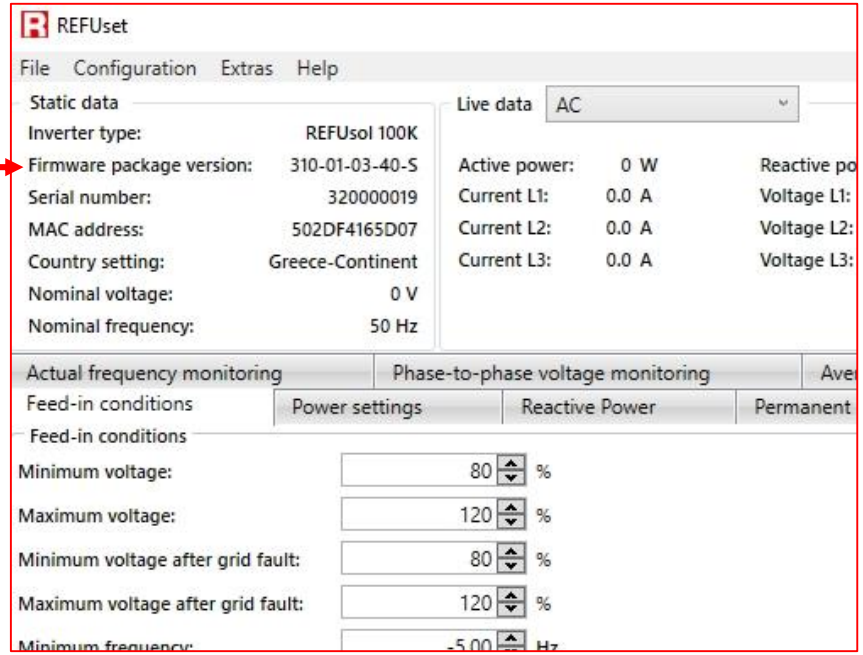
Once update is over, a message will appear





Check new FW version

In the upper left window, you can see the new FW version.
Your inverter is ready for operation.



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