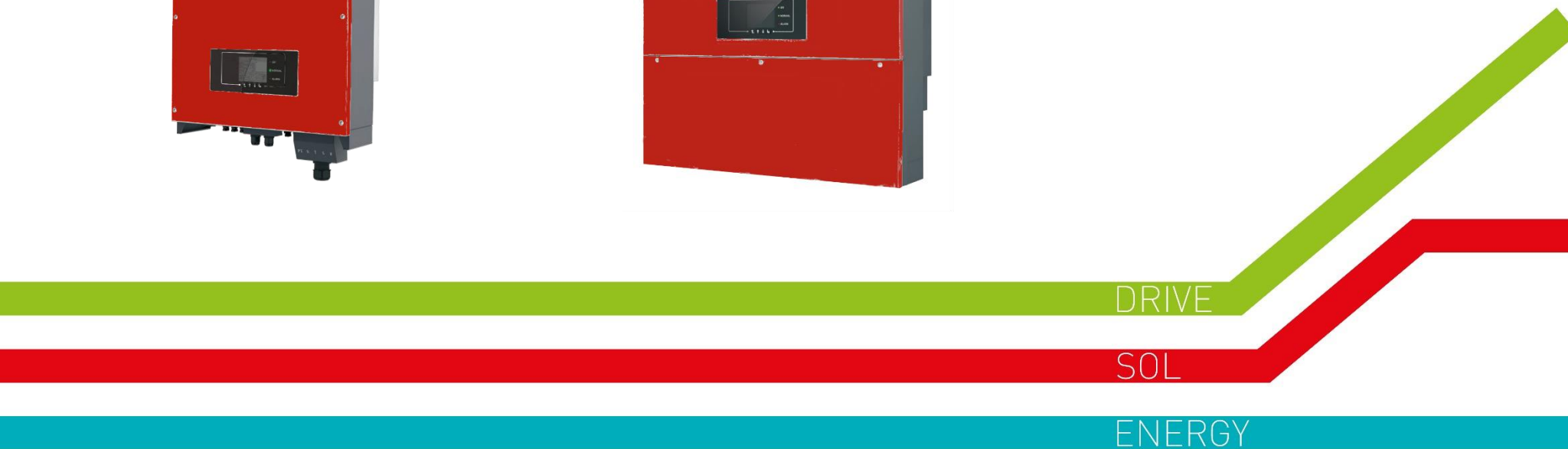# Instructions for Firmware update of inverters

## REFUsol 20K-2T, REFUsol 33K-2T & REFUsol 50K-3T
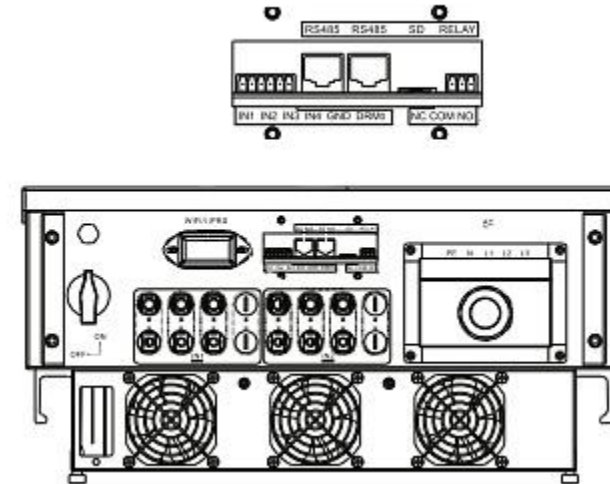
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# Updating process

Updating is taking place locally through microSD card slot that is placed on the bottom of the inverters.

Please remove the cover (RS485 & digital inputs)

Push microSD card and remove it from microSD slot.

# Updating process

Insert microSD card inside the slot of your PC.

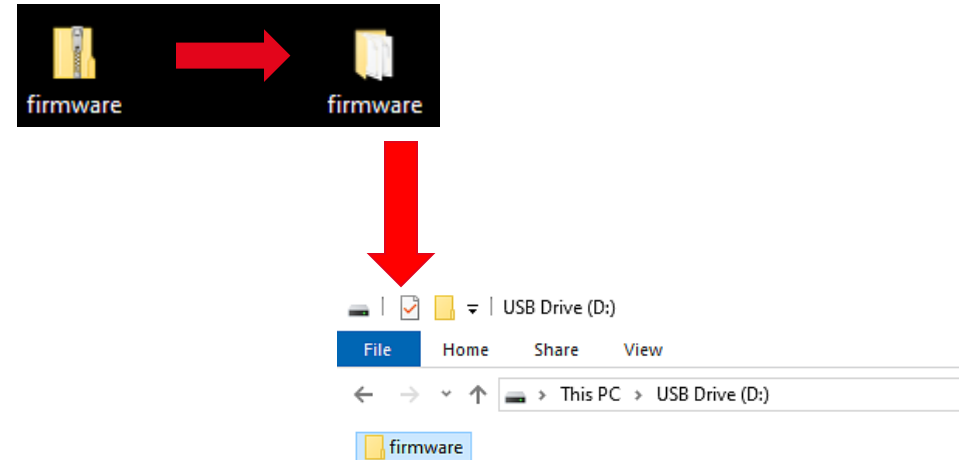⇨ It is needed to use microSD adaptor or USB microSD adaptor.
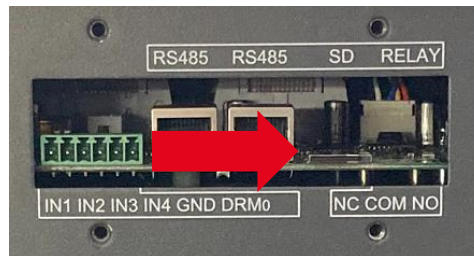
# Updating process

Unzip folder firmware on your PC and copy the **complete** folder at the empty microSD card.

Attention!

You must not rename the folder or remove any files.



Insert back the microSD card inside the microSD slot of inverter.

# Updating process

Choose "Software update" from the display menu and press OK.

**<u>Note:</u>**

You will be asked for password.

Password is 0715.

System is updating processors (DSP1/DSP2).

For each processor , the message "OK" is showing after successful updating.

If message "Fail" appears, turn off inverter by turning DC switch to OFF position.

Wait until LCD display goes OFF.

Turn ON again the inverter and repeat step by step the same procedure.

| Normal | |
|---|---|
| | 1. Enter Setting |
| | 2. Event List |
| | 3. System Info |
| | 4. System Time |
| | 5. Software Update |

# Updating process

Once update is over, turn off inverter by turning DC switch to OFF position.

Wait for 5 minutes and place the cover (RS485 & digital inputs) on the bottom of inverter

and turn ON inverter.

Inverter starts.

**Note:**

Check the Firmware version from display menu 3. System Info > 3. SoftVersion.

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