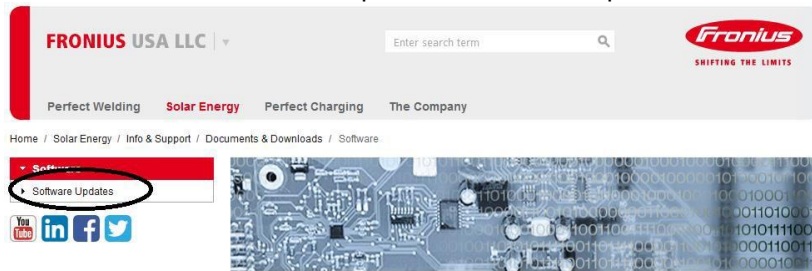# SNAPINVERTER SOFTWARE UPDATE INSTRUCTIONS

All Fronius SnapINverters (Galvo, Primo, and Symo) can be updated in the field with a USB stick. These instructions will explain the three steps in performing a software update on a Fronius SnapINverter.

1. Downloading the Software Update
2. Updating the SnapINverter Software
3. Confirming the Software Update

Downloading the Software Update

The software updated can be found at Fronius.com →Solar Energy →Info & Support → Documents and Downloads → Software. Click on the "Software Updates" link on the top left of the screen:
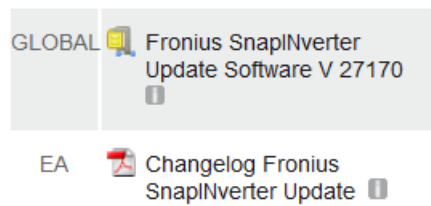

Fronius Software

You can also click on the link below to download the software update:

   Fronius Snapinverter Update Page

Step 1: To download the update file to your computer, find the link on the right side of the webpage titled *"SnapINverter Update Software"*. Click on the link that has GLOBAL: Fronius SnapINverter….as shown below. This will save it to your computer.

The Changelog can also be found on this page.

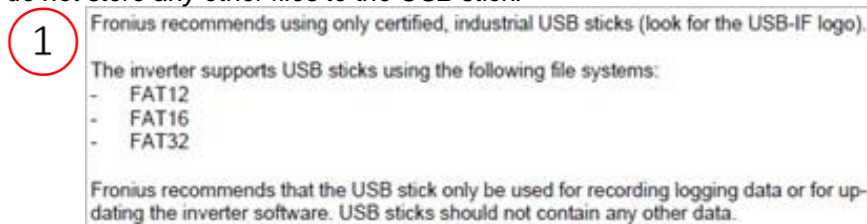**Step 2:** The file will download in a "WinRar" fil or "WinZip" or sometimes "7Zip"
   Note: You MUST extract the file or open this so that the .UPD file is present. Example below in picture #2.
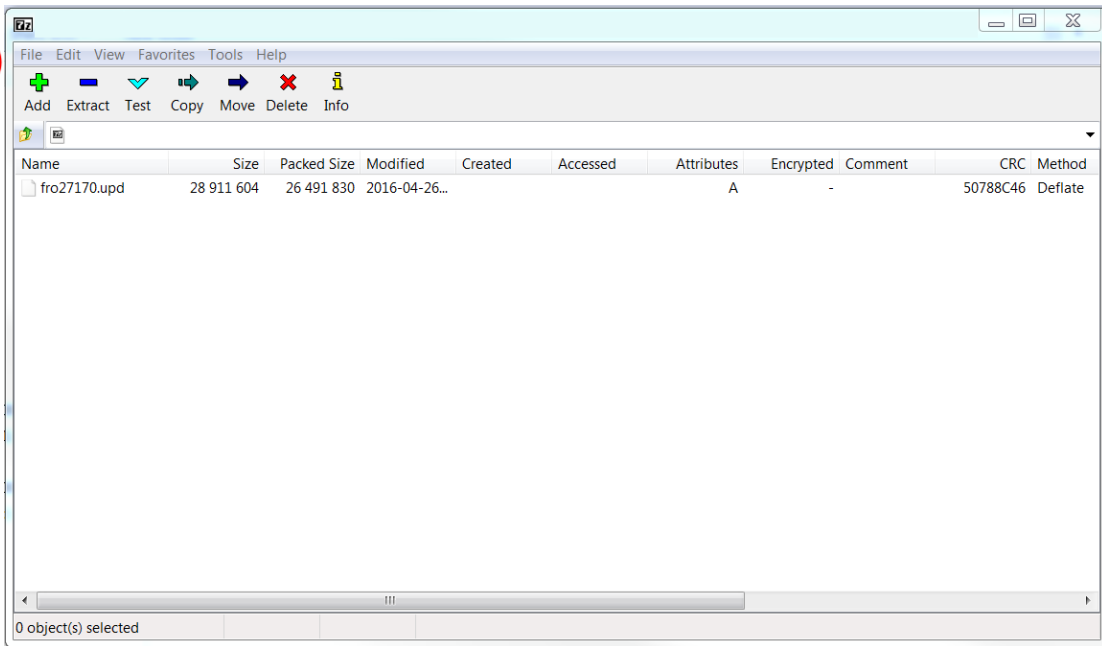   *Note: We recommend that you use a flash drive 8GB or less.*
   Note: The USB stick must be empty prior to copying the file. Save the .upd file directly to the USB stick.
   Note: The USB stick must preformatted as either FAT12, FAT16 or FAT 32. Do not save it in a folder and do not store any other files to the USB stick.

Updating the SnapINverter Software

**Step 1:** Remove the two screws from the datcom cover to access USB slot. Use a Torx TX25 driver.

Step 2: Plug in the USB stick and go to the inverter's display.

Step 3: With the inverter running or in startup mode, press ⬆ to access the menus.

`**Step 4:** Using the *left* ✚ and *right* ✚ buttons, scroll until the *SETUP* menu is selected. Press *ENTER* ↵.
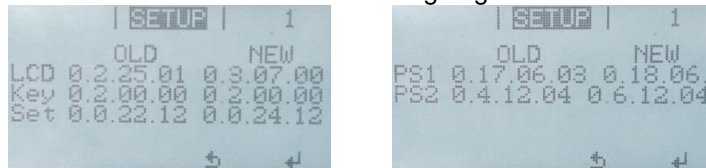
Step 5: Scroll *down* three times until USB is highlighted and then, press *enter* .

Scroll *down* once and press *enter* to perform the software update.

Step 6: The inverter will go through a brief "WAIT" period and then, old and new software versions will be displayed. Confirm these software versions with the changelog on the Fronius USA website.

Note *The software versions above are current as of 8/27/2015.*
Please confirm these numbers with the changelog on the Fronius USA website.

Press *enter* twice.

Step 7: The inverter will display a "BOOT" message and progress bar while the update is uploading. The screen will go blank momentarily and then, go to the initial "WAIT MASTER READY" five minute startup cycle.

Step 8: The Software update is now complete! Remove the USB stick.

Step 9: Reinstall the datcom cover by positioning the upper edge into the inverter cover and pushing it into place.

You will hear a clicking sound if it is properly seated.

Step 10: Tighten the two screws to 2 Nm (1.5 ft. lbs.) torque using a manual torque driver with a Torx TX25 bit. Do not use power driver since it may strip the screws.

Note Failure to properly snap the datcom cover in to place or to tighten the screws to the correct torque could result in water entering the inverter. This could damage the inverter, and would not be covered under Fronius' inverter warranty.

Confirming Software Update

At this point, the software update is complete. If you wish to confirm that the software update uploaded successfully, you can check the software version in the setup menu.

Step 1: As in Step 3 above, press *menu* to access the menus.

Step 2: Using the *left* and *right* buttons, scroll until the INFO menu is highlighted. Press *ENTER*

Step 3: Scroll *down* three times until "Version" is highlighted and then, press *enter*.

Step 4: Confirm the "Power Stage Software" and "Display Software" with the Changelog, which can be found on the software download section from the www.Fronius.com website.

Changelog Fronius Primo 3.8-1 - 8.2-1 208 - 240 (USA)

Software version:		fro27170.upd
Control unit	RECERBO	V0.3.8.2
Power stage set	PRIMO_PS	V0.18.10.3

"SW1" from the "Power Stage Software" menu should be the same as the "PRIMO_PS" software version
"SW" from the "Display Software" menu should be the same as the "RECERBO" software version.