

UPDATE PROCEDURE FOR ZCS HYD 3000-HP/HYD 6000-HP - Single-phase Hybrid E BATTERIES AZZURRO ZSX 5000S



USB PROGRAMMING PROCEDURE

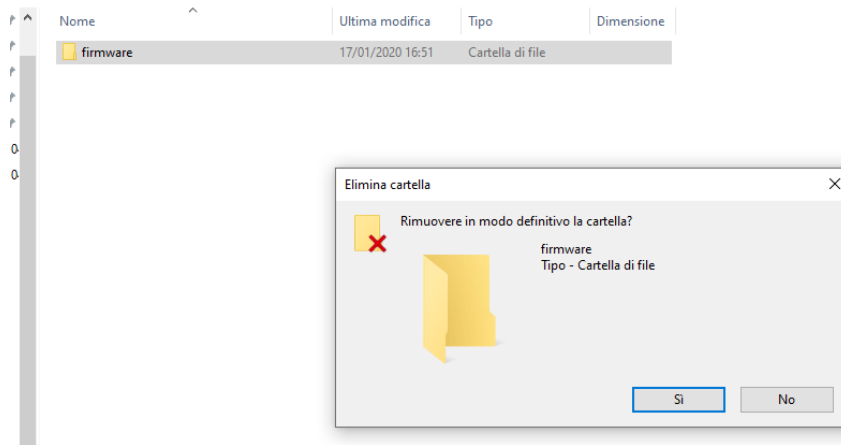
Use an 8GB 2.0 USB flash drive

Technical note "ZCS HYD 3000-6000-HP inverter update procedure" - Rev. 1.0 of 11/02/2025

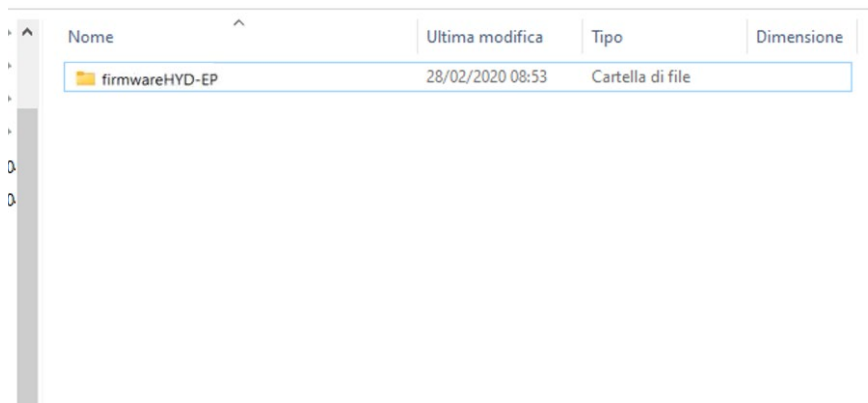
1. Insert the USB stick into a PC



2. Delete any folders and format the USB with FAT32 system.



3. Copy the folder called firmwareHYD-EP provided inside the folder Firmware HYD 3000 6000 HP – V060034 (or higher)The folder must not be compressed; inside there are 4 files.



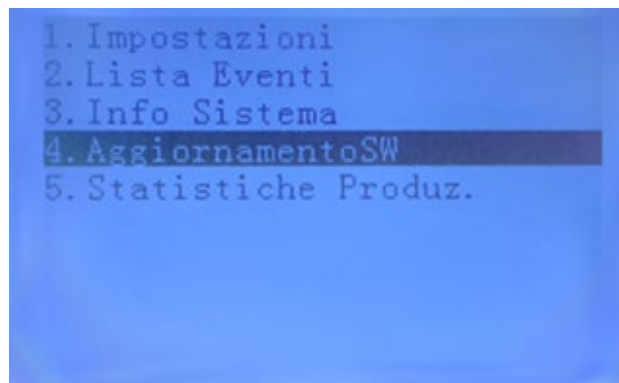
4. Perform safe device removal and remove the USB from your PC.

INVERTER UPGRADE PROCEDURE

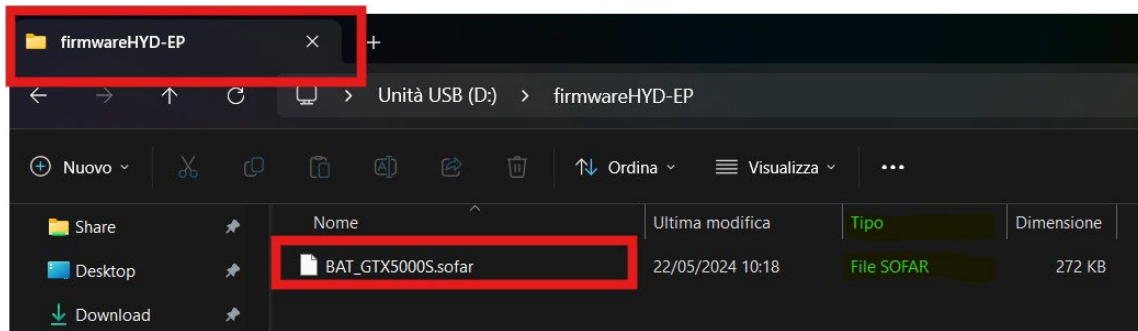
1. Insert the USB into the appropriate WIFI/GPRS input



2. Start the inverter by connecting the AC line via the wall-mounted disconnect switch
3. Wait for the display to light up and, using the keys, access the main menu by pressing the ESC key (first from the left), scroll with the DOWN ARROW key and access the SOFTWARE UPDATE item by pressing the ENTER key (fourth from the left). Enter the password **0715** using the UP ARROW and DOWN ARROW keys to change the numeric value and the ENTER key to move to the next digit; press ENTER again to start the update.



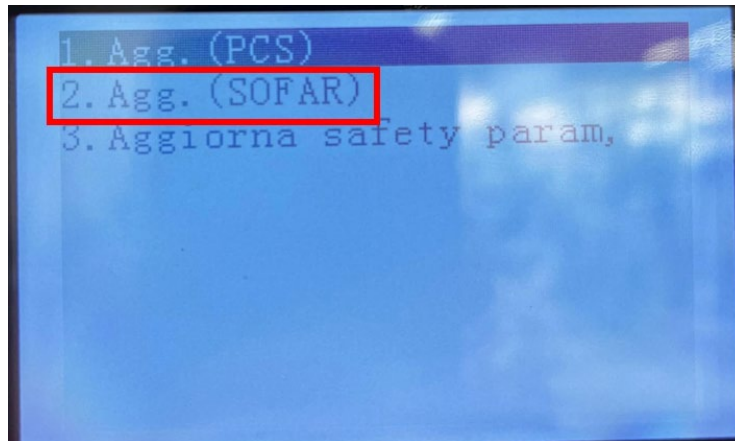
4. The update process will last about 3 minutes and will take place in complete autonomy.
5. Check that the inverter finishes the update correctly and that the word ZCS INNOVATION appears on the display.; The inverter will then start normally.
6. Turn off the inverter by turning off AC power and wait for the display to turn off.
7. Remove the USB and insert it into your PC.
8. Format the USB with FAT32.
9. Copy the folder called firmwareHYD-EP inside the USB provided inside the Firmware Azzurro ZSX5000 S V010058 - Only for HYD3000-6000-ZSS HP Inverter folder.
The folder must not be compressed; inside there are 1 .sofar file



10. Safely remove the device and remove the microSD from your PC.
11. Insert the USB into the WIFI/GPRS port of the inverter.
12. Start the inverter by connecting the alternating line via the wall-mounted disconnect switch. Then turn on the battery(s) starting from the master to the last slave; to switch on, press the START button for 3 seconds until the LEDs light up.

The batteries must be connected according to the following diagram using the communication cable supplied with the inverter:

- CAN/LINK IN of the master battery > CAN port of the inverter (RJ45-RJ9 cable)
 - LINK OUT of the master battery > CAN/LINK IN of the slave battery 1
 - LINK OUT of slave battery 1 > CAN/LINK IN of slave battery 2
 - ...
 - LINK OUT of the N-1 slave battery (second-to-last) > CAN/LINK IN of the N slave battery (last)
13. Wait for the display to light up and, using the keys, access the main menu by pressing the ESC key (first from the left), scroll with the DOWN ARROW key and access the SW UPDATE item by pressing the ENTER key (fourth from the left). Enter the password **0715** using the UP ARROW and DOWN ARROW keys to change the numeric value and the ENTER key to move to the next digit; press ENTER again. Select the Add (SOFAR) item to start the update.



The display will first say "Start BMS Update" and then "BMS Update %" with the progress of the update. Once the update is complete, the batteries will restart automatically.

14. Check the new firmware version of the inverter by pressing the ESC key, scrolling with the DOWN ARROW and accessing the SYSTEM INFO menu with the ENTER key. Under SW VERSION the V060034 (or higher) must be indicated. Under the item Battery Type the wording AZZURRO ZSX V100058 must be indicated; finally, the Battery Capacity must be equal to the number of batteries installed by a factor of 100.

