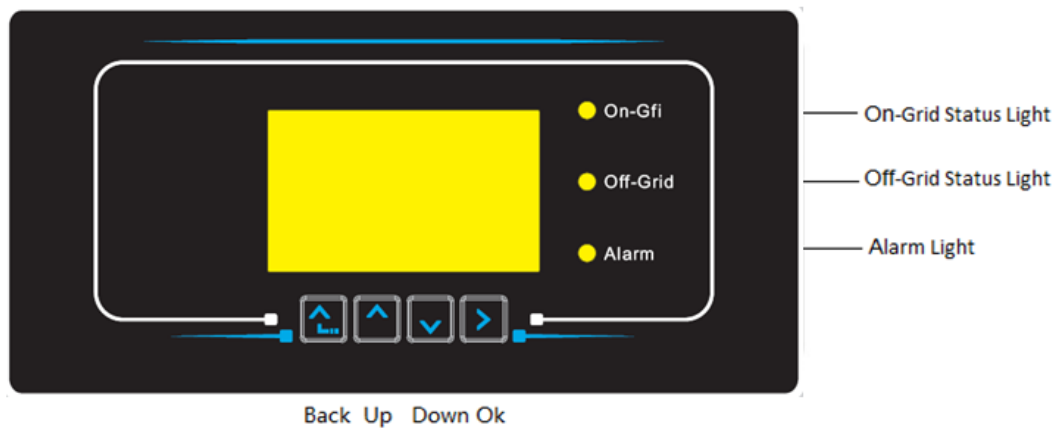# FIRMWARE UPDATE AND SAFETY PARAMETERS

1. Buttons

- Press "Back" to go back to the previous screen or to enter the main interface.
- Press "Up" to enter the upper menu or to increase the value by 1.
- Press "Down" to enter the lower menu or to decrease the value by 1.
- Press "OK" to select the current menu option or move to the next number.

2. FIRMWARE UPDATE

1. _Preparation of USB flash drive_

    1. Before changing the standard country, it is necessary to update the inverter firmware to the version present on our website: www.zcsazzurro.com.

    2. Select the relevant inverter and, in the documentation section, download the latest firmware, which comes in a zipped file containing a folder.

    3. Unzip the zipped file and extract the entire folder.

    4. Copy the folder, without changing its name, onto a USB flash drive (8 GB) previously formatted in FAT32 format.

2. _Updating_

    1. Insert the USB into the appropriate port at the bottom of the inverter (with the inverter switched off).

    2. Power up the inverter from a photovoltaic source.

    3. Select "Software Update" from the menu.

    4. Enter the PWD -> 0715 and the update will start automatically.

    5. When the update is complete, switch off the inverter (disconnect it completely) and restart to finish the update.

    6. Go to System Info -> Inverter info -> Software Version "Press enter to view" -> 0715 and check for the updated version.

3. NETWORK STANDARD MODIFICATION

1. *Preparation of USB flash drive*

   1. Download the required network standard from our website www.zcsazzurro.com.

   2. Select the relevant inverter and, in the documentation section, download the safety standard, which comes in a zipped file containing a folder named "safety."

   3. Select the text file corresponding to the required network standard.

   4. Copy the selected file into an empty folder named "safety" (in lowercase).

   5. Copy the folder onto a normal USB flash drive (8 GB) previously formatted in FAT32 format.

2. *Uploading of network standard to the inverter*

   1. Insert the USB into the appropriate port located at the bottom of the inverter (with the inverter switched off).

   2. Power up the inverter from a photovoltaic source only (the operation will fail if the inverter is connected to the AC grid).

   3. From the menu select settings -> Set country -> 0001.

   4. Enter the PWD -> 0001 and select the country loaded on the USB flash drive from the display. Wait for the confirmation message.

   5. The parameters will automatically load into the inverter's memory.

   6. Switch off the inverter (disconnect it completely) and restart it to complete the operation.