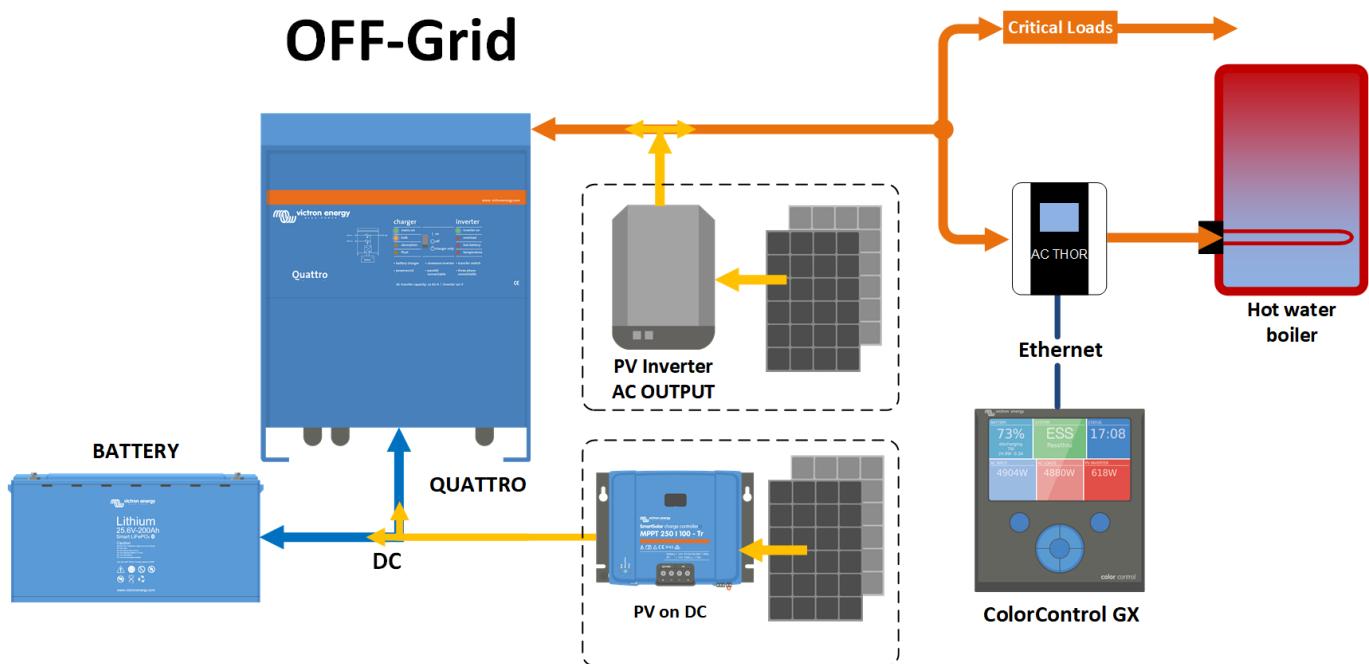


# my-PV AC-Thor and Victron Energy Off-Grid

For an Off-Grid system, when the batteries are full and we still have AC coupled PV power available, that power is lost. We could use that power and send it to a boiler or something similar. For this we are using a device from my-PV called AC-Thor.

The schematic for this kind of system looks like this (the meter from my-PV is not needed in this setup):



First setup:

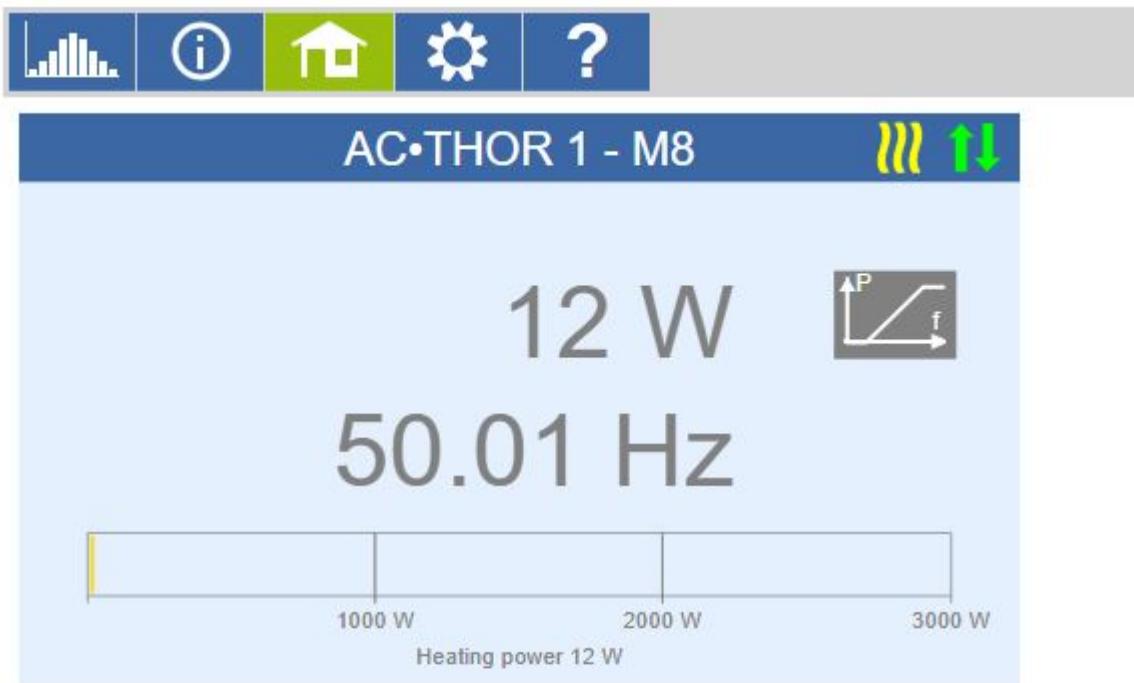
AC-Thor device must be connected on the AC output of the Multi/Quattro just like the AC coupled PV inverter.

Using the device touch screen, select Information menu and go to the third screen to find the current IP address.



Open a browser, put that IP address into the address field and press enter

The webpage should look like this:



## Device state

- Off
- On

Firmware Version: a0010006

Internet connection required for help.

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Please check the firmware version on AC-Thor device, must be at least a0010006. Go to setting and select the "Mode". For ESS select "Hot water 3KW", for off-grid systems, select "Frequency-Mode".

The figure shows the configuration interface for the AC-THOR 1 - M8. At the top, there are five icons: a bar chart, a circle with an 'i', a house, a gear, and a question mark. The 'Access level' section shows 'Level: Level 3' and a 'Save' button. The 'Mode' section shows 'Mode: 8: Frequency-Mode' and a 'Save' button.

Go to Frequency-Modus and define Frequency start value 50.1Hz and the Frequency end value 51Hz.

## Frequency-Modus

The figure shows the Frequency-Modus configuration interface. It has fields for 'Frequency start' (50.1 Hz) and 'Frequency end' (51 Hz), both with 'Save' buttons.

On the Multiplus or Quattro, using Ve.config, add the PV Inverter support Assistant

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