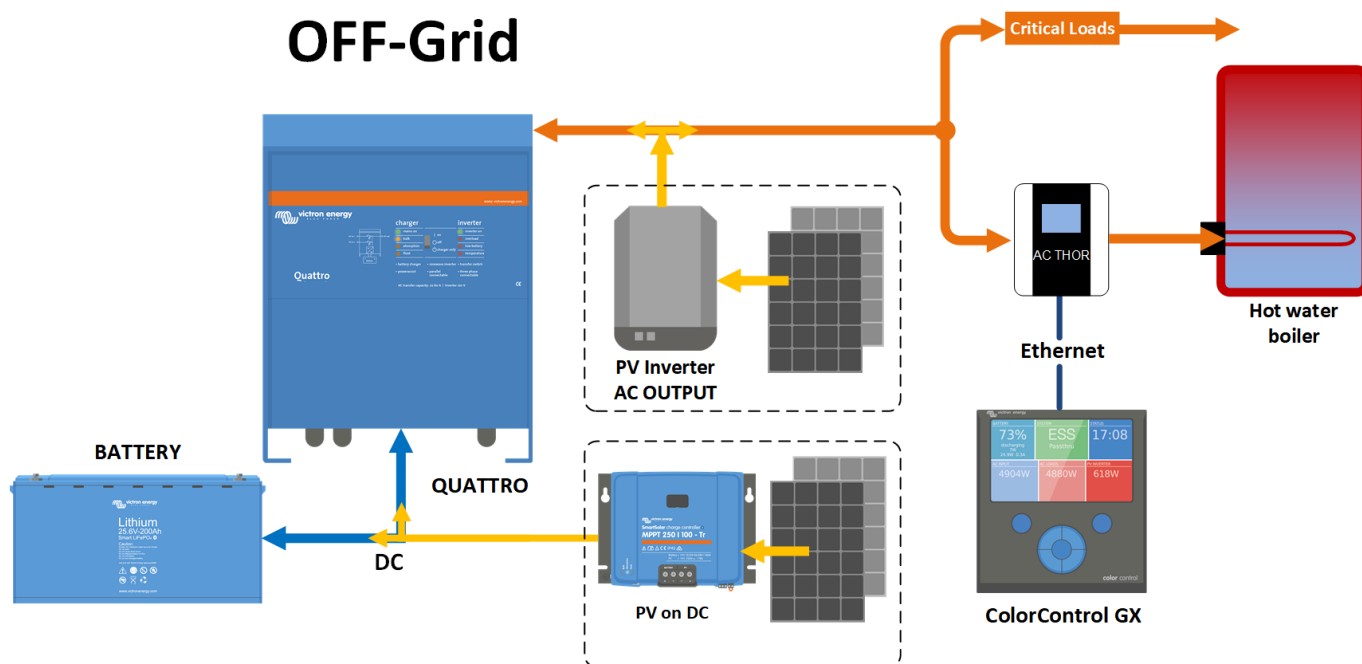


my-PV AC-Thor and Victron Energy Off-Grid

For an Off-Grid system. when the batteries are full and we still have 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:

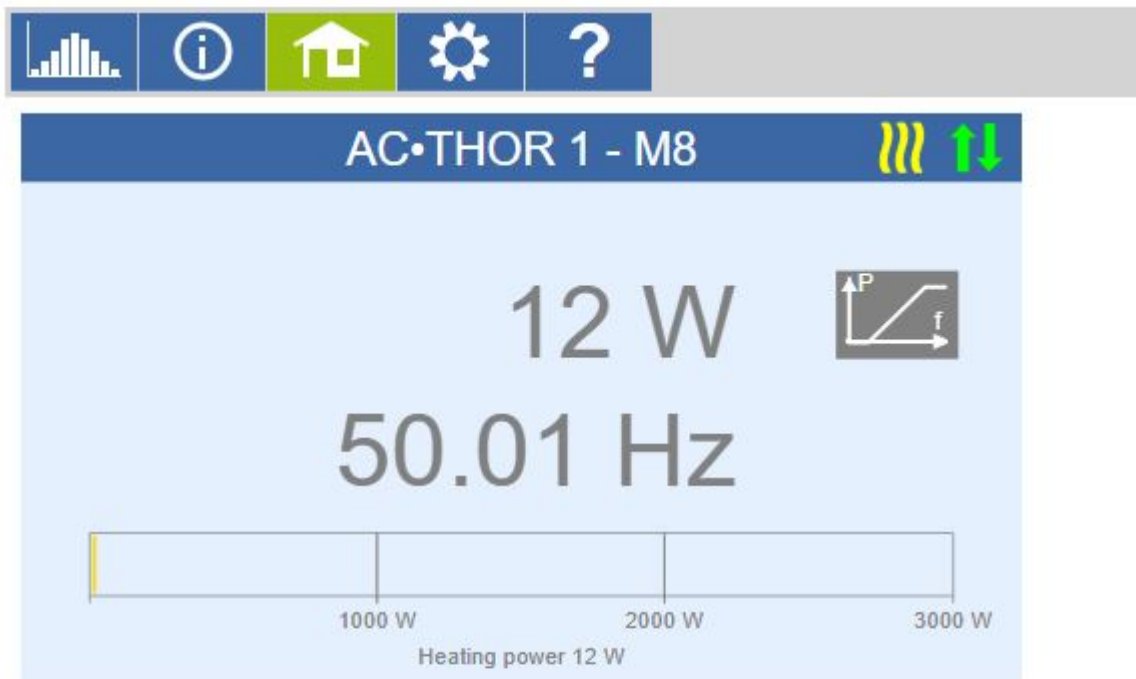
AC-Thor device must be connected on the AC output of the Multi/Quattro.

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 image shows a web interface for configuring the device. It has a navigation bar with icons for a bar chart, information, home, settings, and help. The 'Access level' section has a dropdown menu set to 'Level 3' and a 'Password' input field. Below it is a 'Save' button. The 'Mode' section has a dropdown menu set to '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 image shows a web interface for setting the frequency range. It has a navigation bar with icons for a bar chart, information, home, settings, and help. The 'Frequency start' section has a text input field with '50.1' and a unit dropdown set to 'Hz'. The 'Frequency end' section has a text input field with '51' and a unit dropdown set to 'Hz'. Below these fields is a 'Save' button.

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

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