

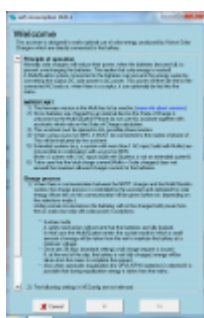
Overview of available Assistants

Click on the thumbnails to see the full screenshot.

All-in-one Assistants

[TODO, add info to below three assistants, and link to separate page with more info about hub systems and technologies used (sustain, grid-assist).]

Self-consumption Hub-1



Self-consumption hub-1

Self-consumption Hub-2 v3

Only for hardware with new microprocessor (26 or 27). Take note of the [factor 1.0 rule](#).

Self-consumption Hub-2 v2

Use only on hardware with old microprocessor (19 or 20). Take note of the [factor 1.0 rule](#).

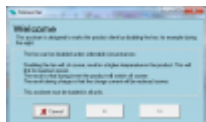
Functional Assistants

Generator start and stop



Automatically start and stop a generator based on battery state of charge and actual load of a system. Note that automatic genset start/stop functionality is also available on the Virtual switch tab, which is easier to configure and does not require uploading another type of firmware. See the PDF [VE.Bus firmware versions explained](#) for more information about the different firmware types.

This Generator start and stop Assistant is also the one to use to [configure Ignore AC Input using Assistants](#).





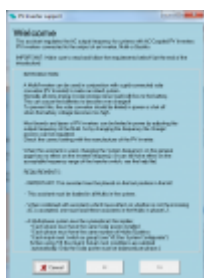
Required in combination with a [VE.Bus BMS](#), used with our [12.8 V Lithium batteries](#). This Assistant communicates with the BMS and controls the Multi based on the BMS measurements.

Lynx Ion BMS support



Required in combination with a [Lynx Ion BMS](#), used with our [24 V 180 Ah Lithium system](#). This Assistant can also be used to control the Multi with a third party Lithium system including BMS. See our PDF [Connecting other lithium battery systems to Multis and Quattros](#) for more information.

PV Inverter support



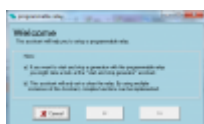
Note that this is a deprecated Assistant, and only useful in off-grid ac-coupled systems running on a Multi or Quattro with the old microprocessor (19 and 20). See these two configuration examples for more information:

- [How to add an Assistant from start to finish](#)
- [Ignore AC input using the Generator Assistant](#)

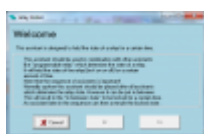
And take note of the [factor 1.0 rule](#).

Advanced Assistants

Programmable relay



Relay locker



General flag user



~~DISQUS~~

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