

Overview of available Assistants

Click on the thumbnails to see the full screenshot.

1. Assistants related to Solar

Make sure to read [Configuring solar systems with Quattros and Multis](#) when configuring a solar system.

ESS Assistant



For Energy Storage Systems (ESS). The Assistant manages the prioritising of Solar Power.

[Documentation.](#)

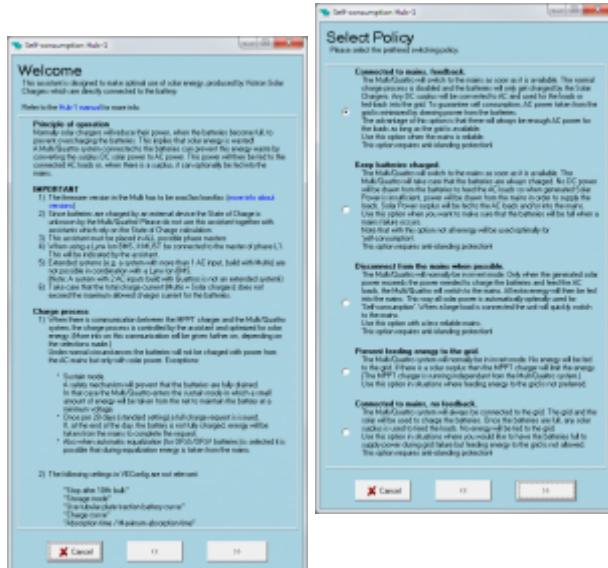
PV Inverter support



Use this Assistant in Off-grid systems that have AC-Coupled solar power: a grid-tie PV inverter connected to the AC out of a Multi or Quattro inverter/charger.

[Documentation.](#)

DEPRECATED Self-consumption Hub-1 - for dc-coupled systems



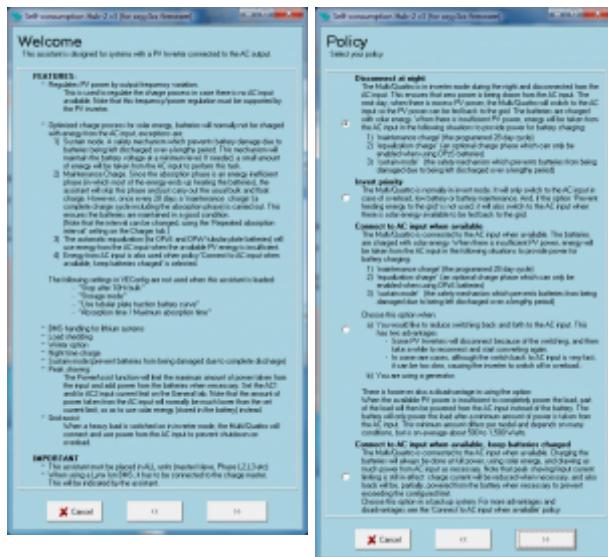
Note that Hub-1 is deprecated in favor of ESS.

Hub-1 Assistant documentation.

Hub-1 is only for hardware with new microprocessor (26 or 27).

Hub-1 and Hub-2 Assistant notes

DEPRECATED Self-consumption Hub-2 v3 - for ac-coupled systems



Take note of the factor 1.0 rule.

Deprecated in favor of ESS.

Only for hardware with new microprocessor (26 or 27).

Hub-1 and Hub-2 Assistant notes

DEPRECATED Self-consumption Hub-2 v2 - for ac-coupled systems

Use only on hardware with old microprocessor (19 or 20). On newer systems, use the version 3 instead, see above.

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

Note that all Hub-2 Assistant versions have been deprecated in favor of [ESS](#).

[Hub-1 and Hub-2 Assistant notes](#)

DEPRECATED Self-consumption Hub-4



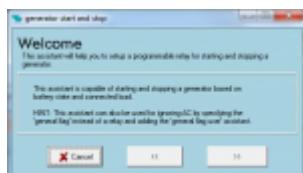
Do not use Hub-4 for new installs. It is deprecated in favor of [ESS](#).

[Hub-4 manual](#).

Only for hardware with new microprocessor (26 or 27).

2. Functional Assistants

Generator start and stop

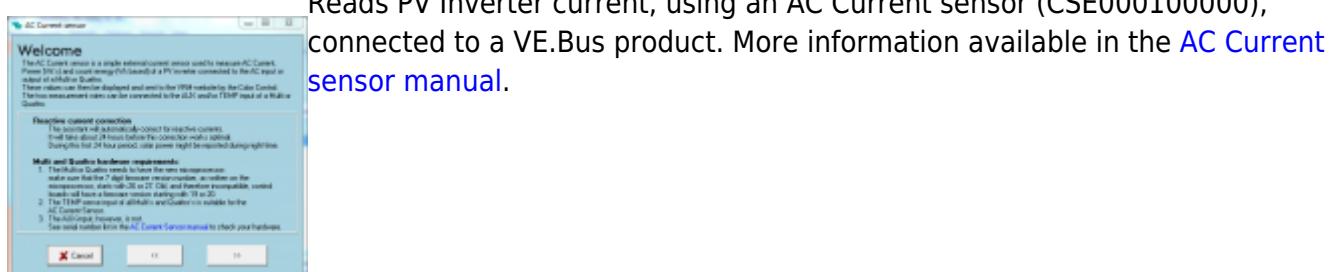


Automatically start and stop a generator based on battery state of charge and actual load of a system. Note that automatic genset start/stop functionality is also available on the Virtual switch tab in VEConfigure, which is easier to work with.

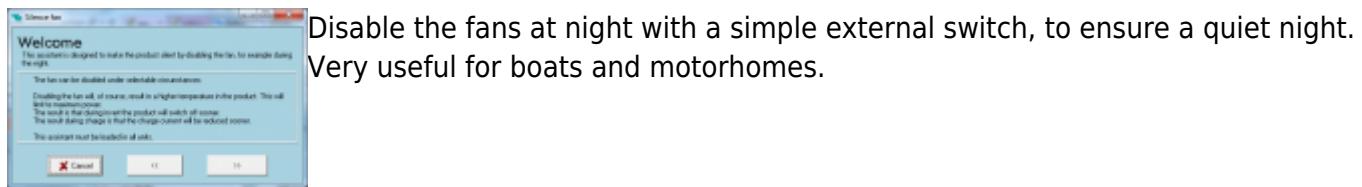
This is one of the available options to automatically start and stop a generator using Victron equipment. See the [auto-generator-start-stop](#) document for an overview of all options. More general information about using a generator in combination with Victron is available [here](#).

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

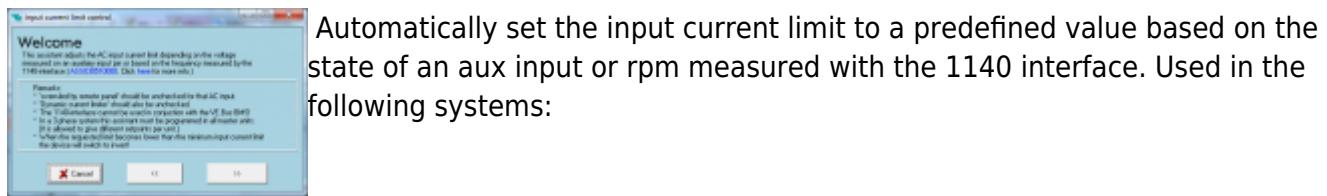
AC Current sensor



Silence fan

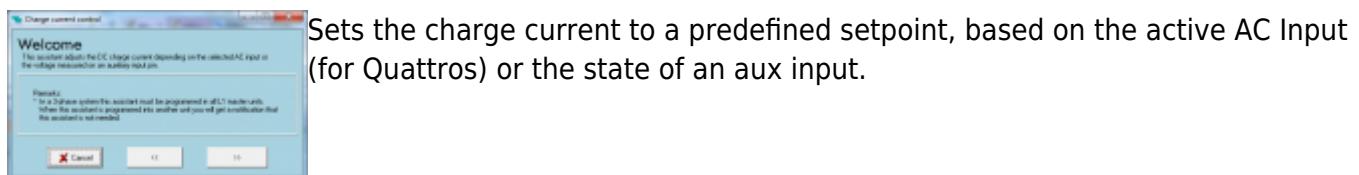


Input current limit control



1. A variable speed generator, flywheel generator or waterturbine, where the available AC power depends on the rpm. See the [Interface 1140 \(ASS030510000\) manual](#) for more information.
2. Vehicles or boats that have two different types of shore plugs. One high power plug and one low power plug. Use the assistant to automatically set the input current limiter based on the used plug.
3. And there are more situations that can come to mind, for example a Multi connected behind a transfer switch.

Charge current control



Safety switch

Used to wire an emergency stop button to a VE.Bus system.



VE.Bus BMS support



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.

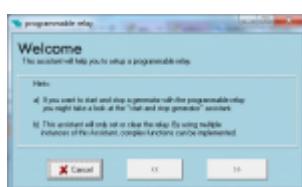
Two-Signal BMS support (previously called Lynx Ion BMS support)



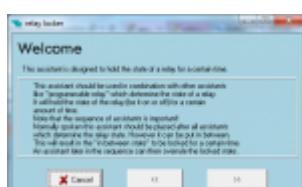
Required in combination with a Lynx Ion BMS, used with our 24 V 180 Ah Lithium system. This Assistant can also be used to control the Multi with a third party Lithium system including BMS. See our PDF [Connecting other lithium battery systems to Multis and Quattros](#) for more information.

3. Advanced Assistants

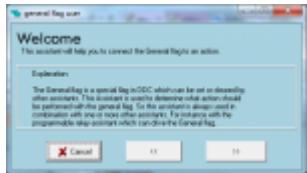
Programmable relay



Relay locker



General flag user



DISQUS

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Last update: **2020-08-16 13:23**

