

Fischer Panda Datenblatt / Datasheet

9.5 Settings for the use of iGenerators with power inverter

For the use of power inverter with the PMGi, the settings of the power inverter must be modified.

Attention: Wrong settings can destroy the PMGi

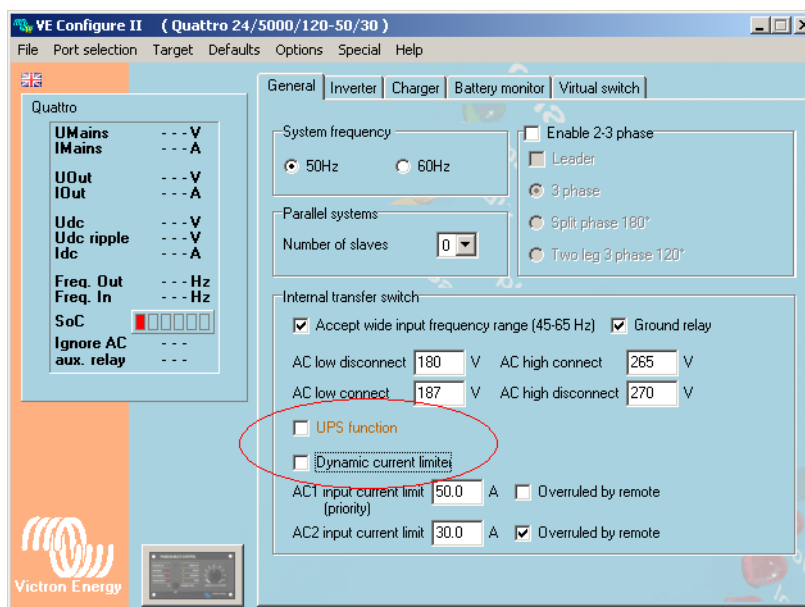


Wrong settings can damage or destroy the PMGi

The settings for the Victron power inverter must be adapted for the power inverters of other brands.

9.5.1 Settings in the Victron VE Configure II Software - General

Fig. 9.5.1-1: Settings in the Victron VE configure II Software



9.5.1.1 Uninterrupted AC power (UPS function)

Due to the fact that the power inverter connects the shore power immediately to the domestic grid (to fast), the PMGi gets overloaded and shut down with an error.

UPS Function must be deactivated.

9.5.1.2 Dynamic current limiter

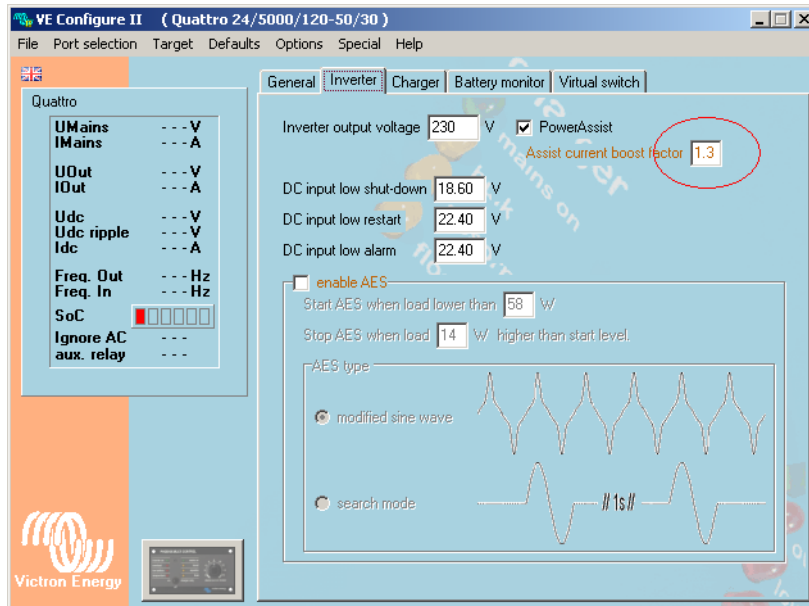
With inductive load the dynamic current limiter will raise up the Voltage in the DC circuit. These over voltage can damage or destroy the PMGi.

Dynamic current limiter must be deactivated

Fischer Panda Datenblatt / Datasheet

9.5.2 Settings in the Victron VE Configure II Software - Inverter

Fig. 9.5.2-1: Settings in the Victron VE configure II Software



9.5.2.1 Assist current boost factor

To reduce the action of the power inverter on the iGenerator, the Assist current boost factor must be reduced from 2.0 to 1.3. Wrong settings will cause bad rpm control of the generator.