Dataloggers FAQ

How to set up third party data loggers

Applicable to: Third party data loggers

Supported data loggers:

Bluelog XC/XM

Supports
Sungrow
2-250kW
PV-String inverters

Solar-Log Base

Supports
Sungrow
2-250kW
PV-String inverters

EnergyBase.Box

Supports
Sungrow
2-20kW
PV-String inv.

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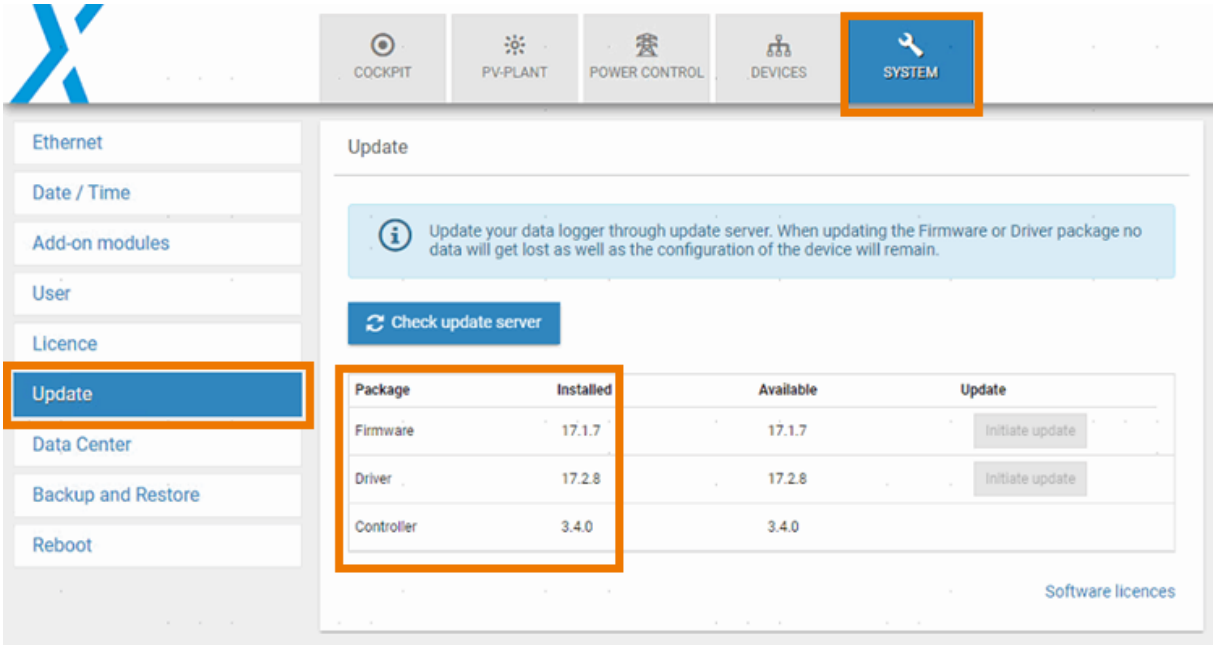
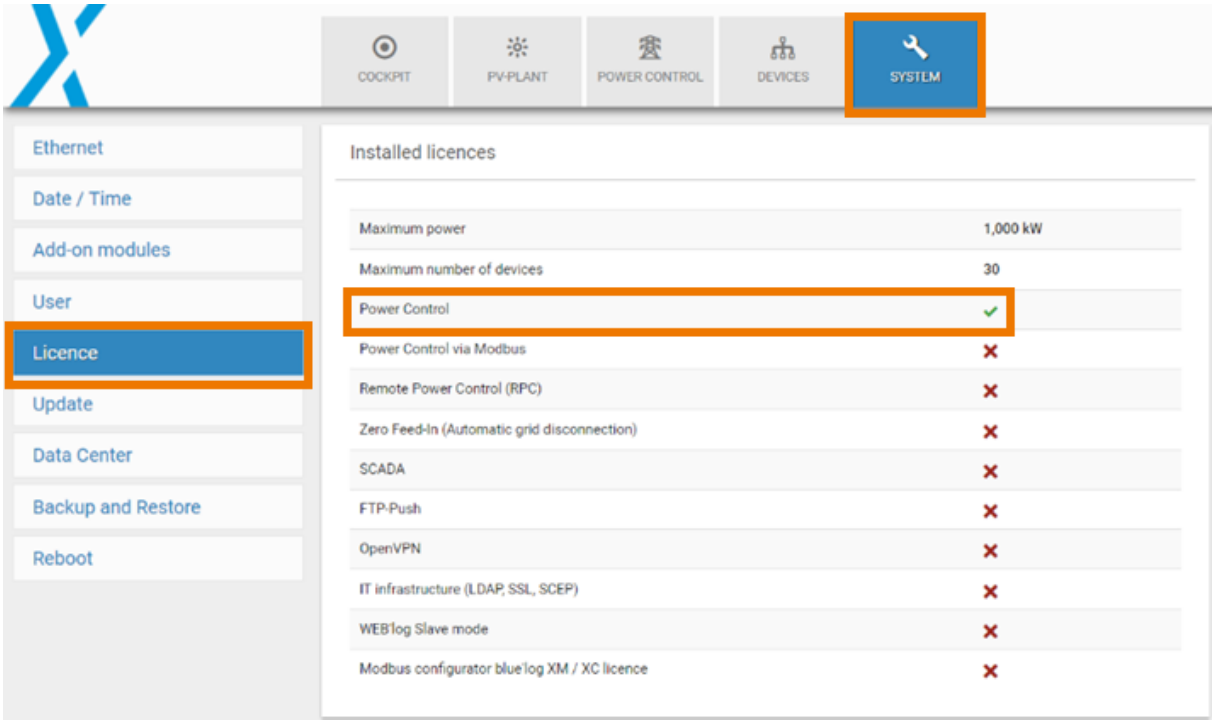
1. Bluelog XC/XM

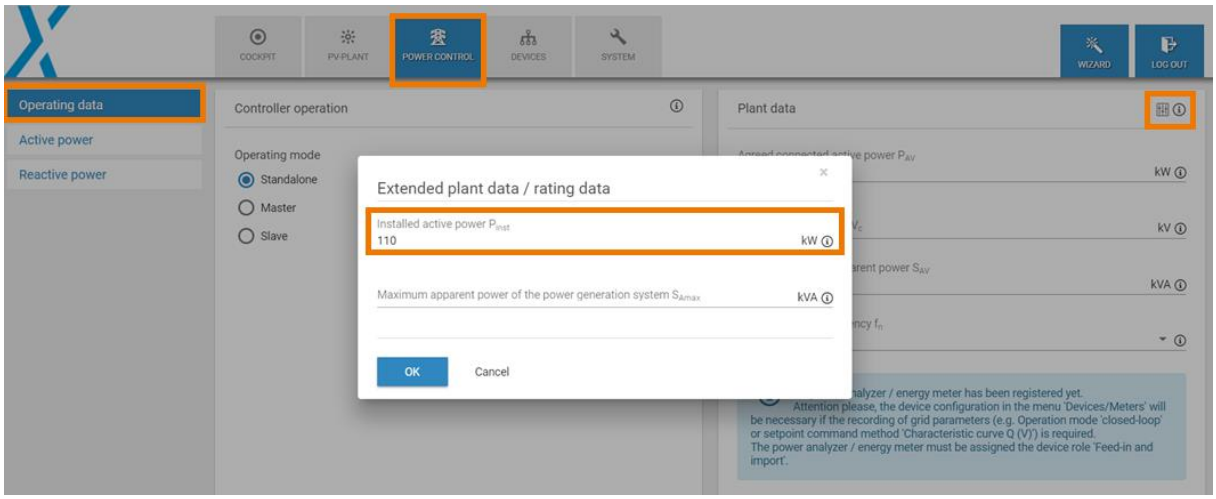
Please update the data logger to the latest firmware version.
At least Firmware ≥ 17.1.7, Driver ≥ 17.2.8, Controller ≥ 3.4.0



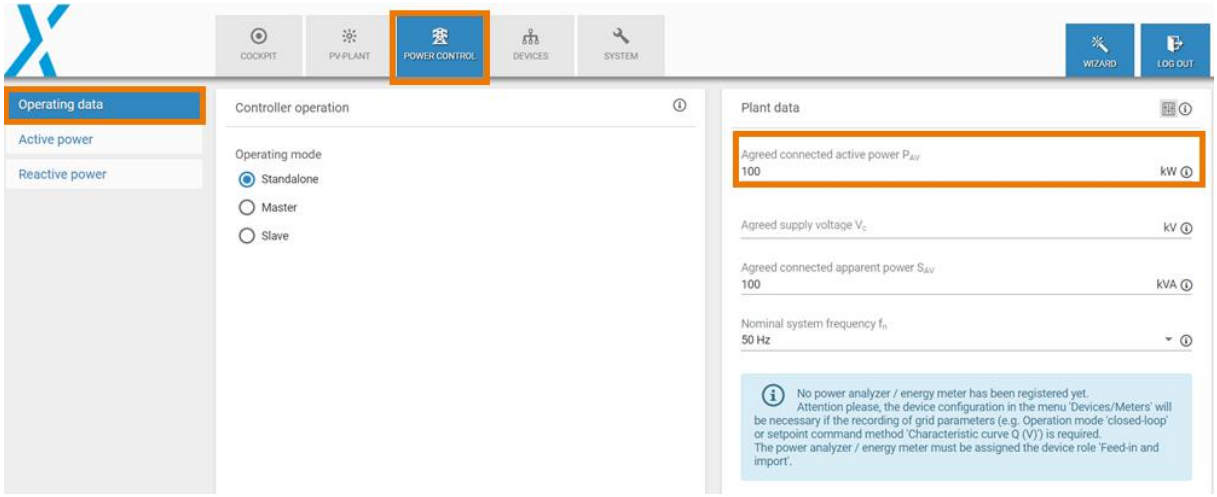
Please enable “Power Control” license



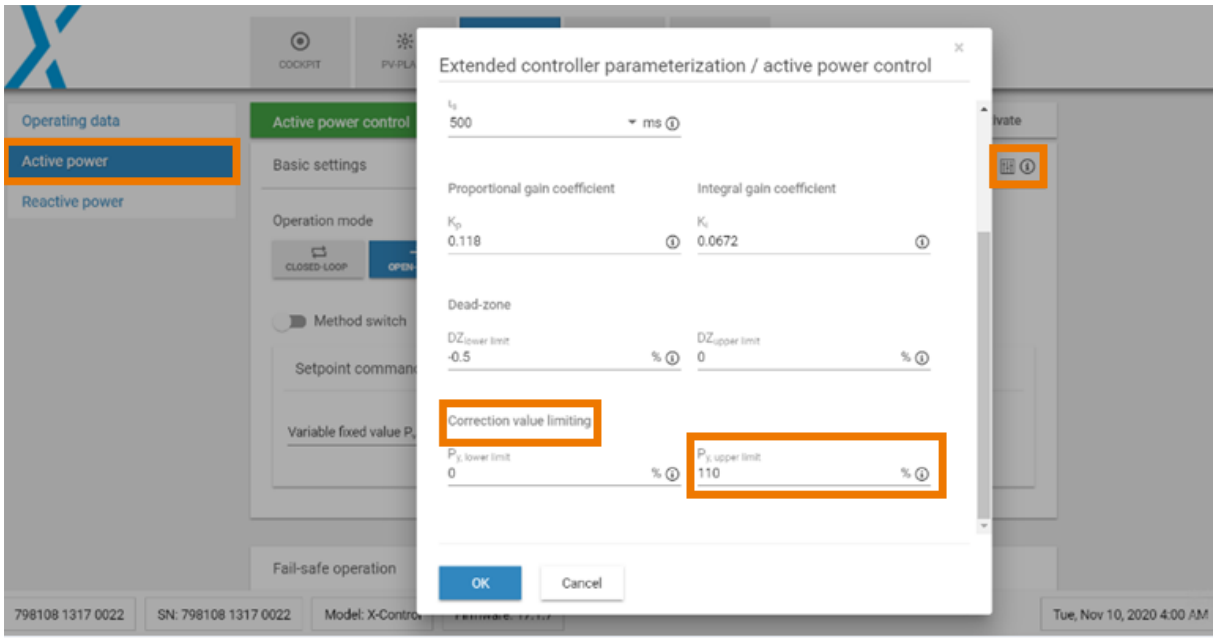
Please set the Installed active power of the plant.



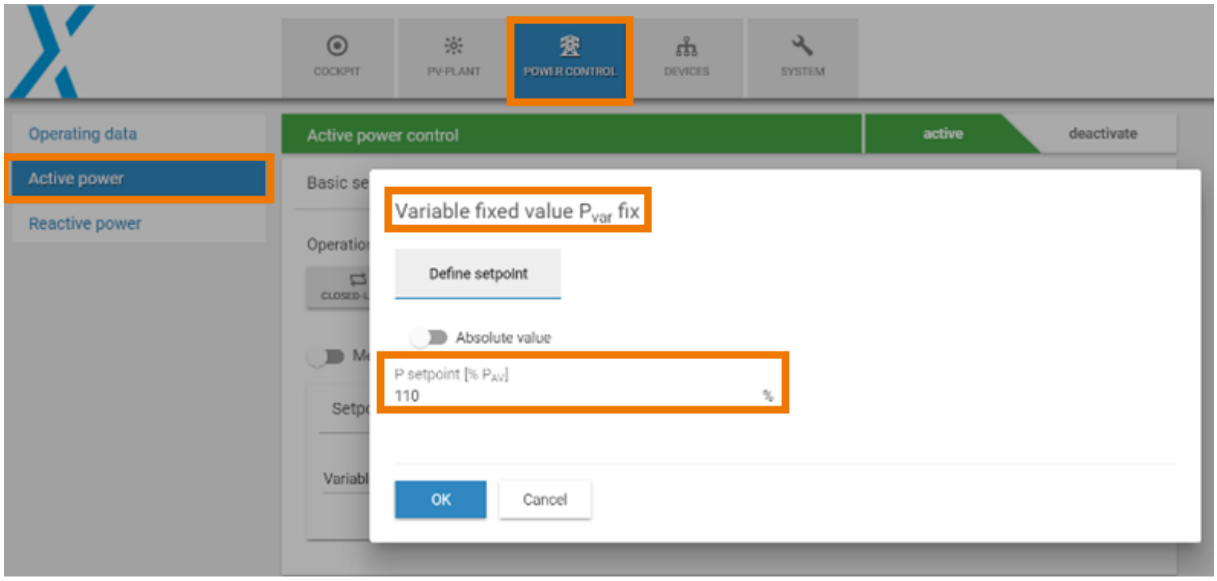
Please set the agreed connected active power of the plant. (less than Installed active power of the plant)



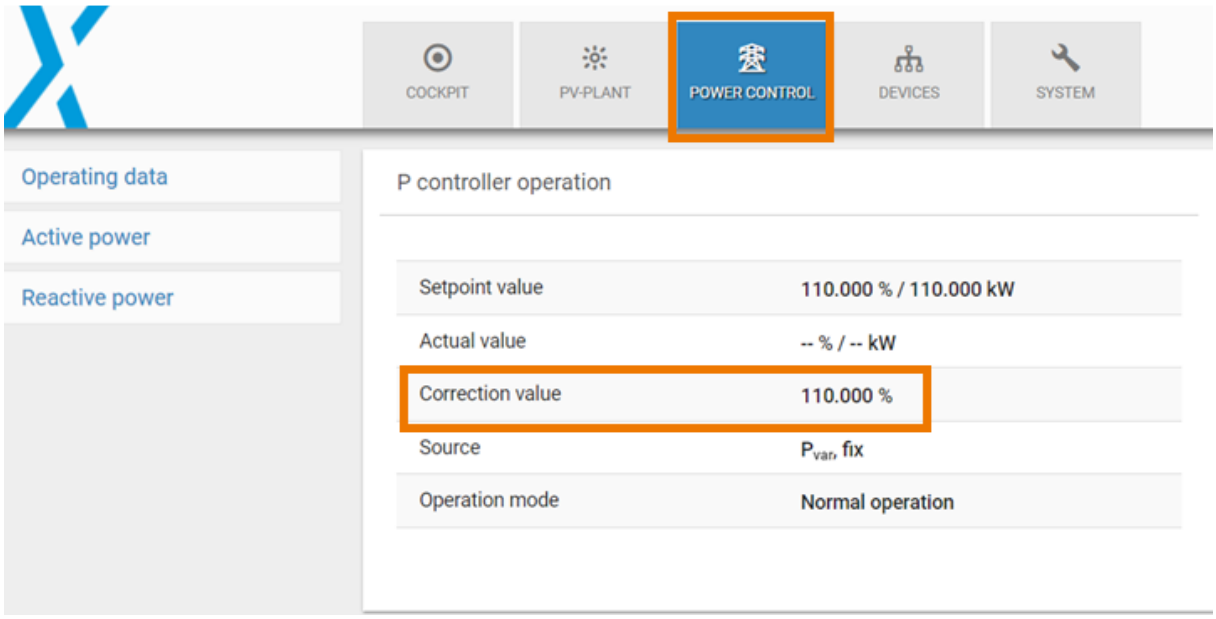
For SG33/40/50/110CX/250HX, please set the Correction value limiting to 110%.



For SG33/40/50/110CX/250HX, please set the P setpoint % to 110%.

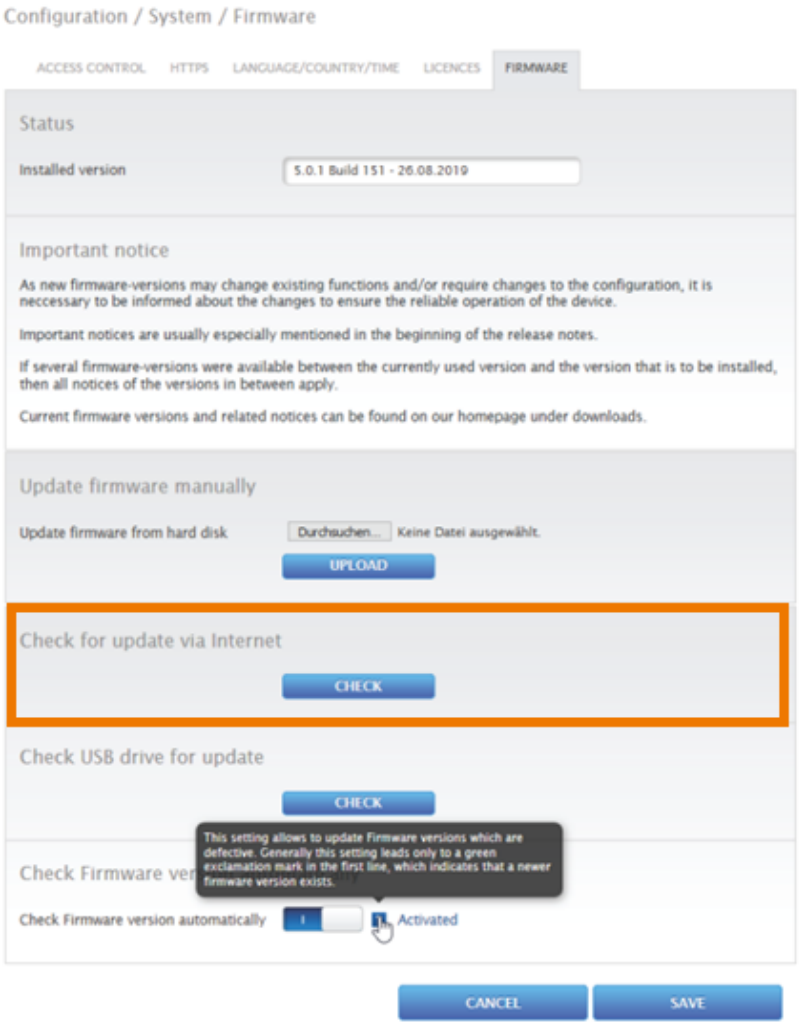


For SG33/40/50/110CX/250HX, please check whether the Correction value is set to 110% successfully.

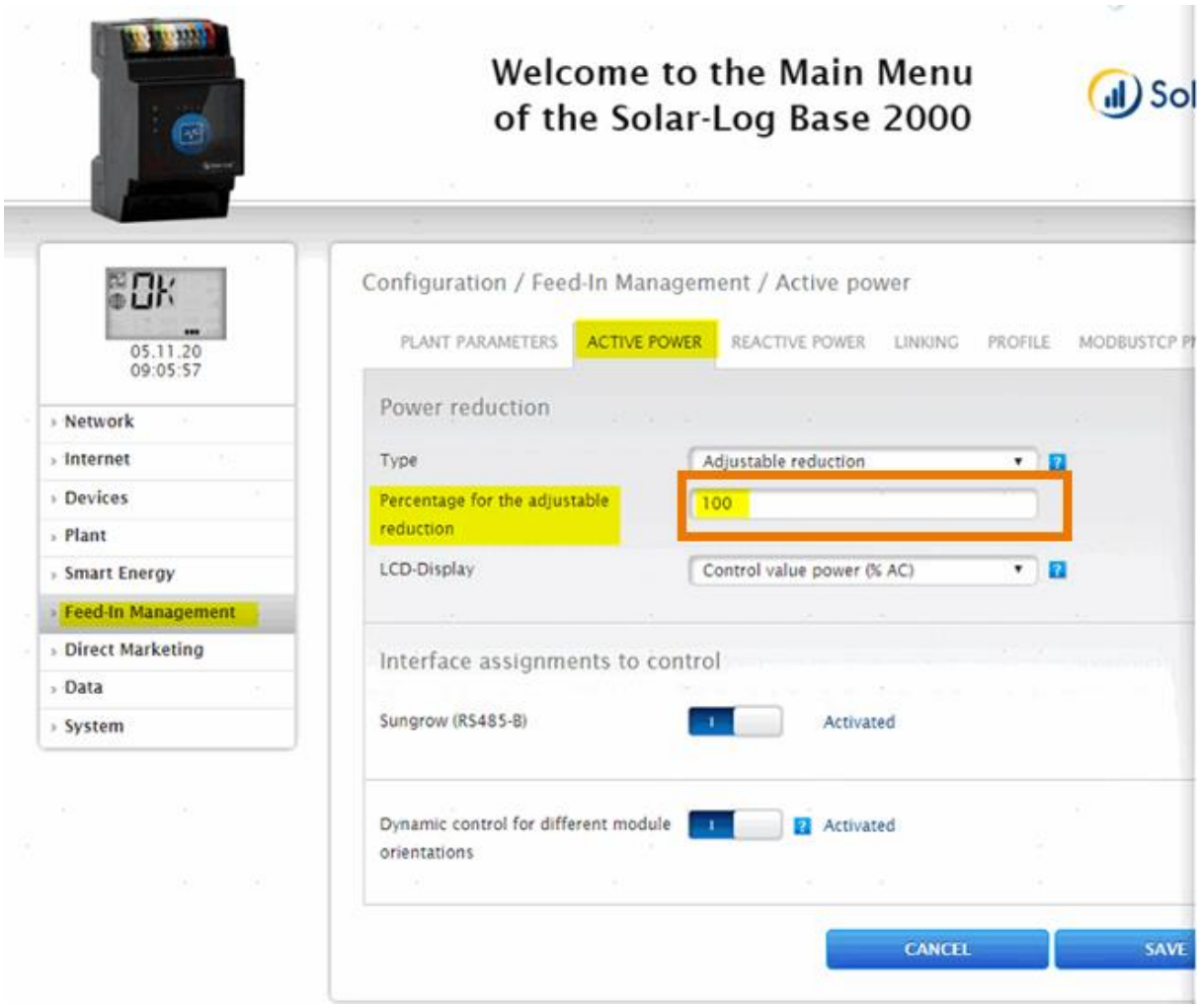


2. Solar-Log Base

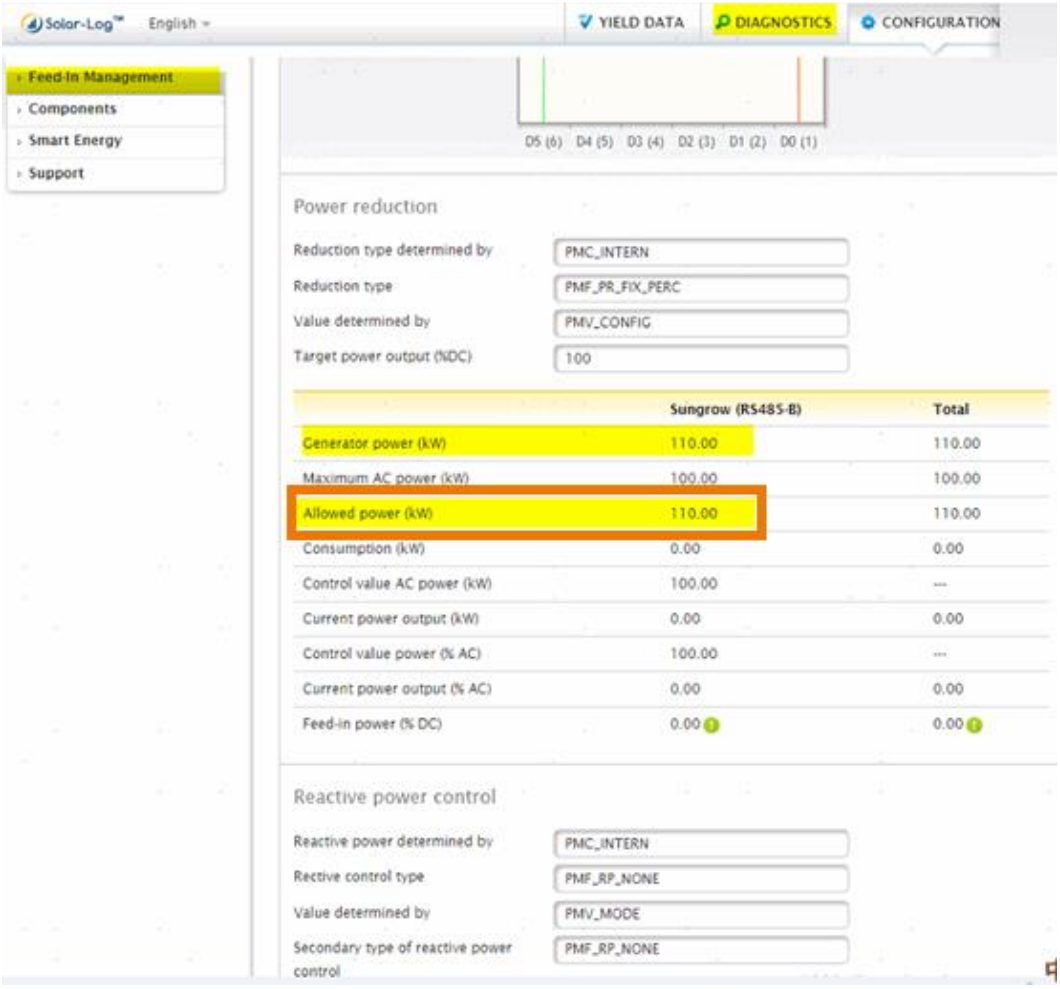
Please update the data logger to the latest firmware version.
At least Firmware ≥ 5.1.0_154



Please set the active power value limiting max. to 100%.



Please check whether the inverter allowed power is set to its max active power successfully.



3. EnergyBase.Box

No additional configuration needed.

iSolarCloud App

This manual is intended for professional technicians who are responsible for installation, operation, maintenance and troubleshooting of inverters, and users who need to check inverter parameters. The inverter must only be installed by professional technicians.

The professional technician is required to meet the following requirements:

- Know electronic, electrical wiring and mechanical expertise, and be familiar with electrical and mechanical schematics.
- Have received professional training related to the installation, commissioning and troubleshooting of electrical equipment.
- Be able to quickly respond to hazards or emergencies that occur during installation, commissioning and troubleshooting.
- Be familiar with local standards and relevant safety regulations of electrical systems.
- Read this manual thoroughly and understand the safety instructions related to operations.

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