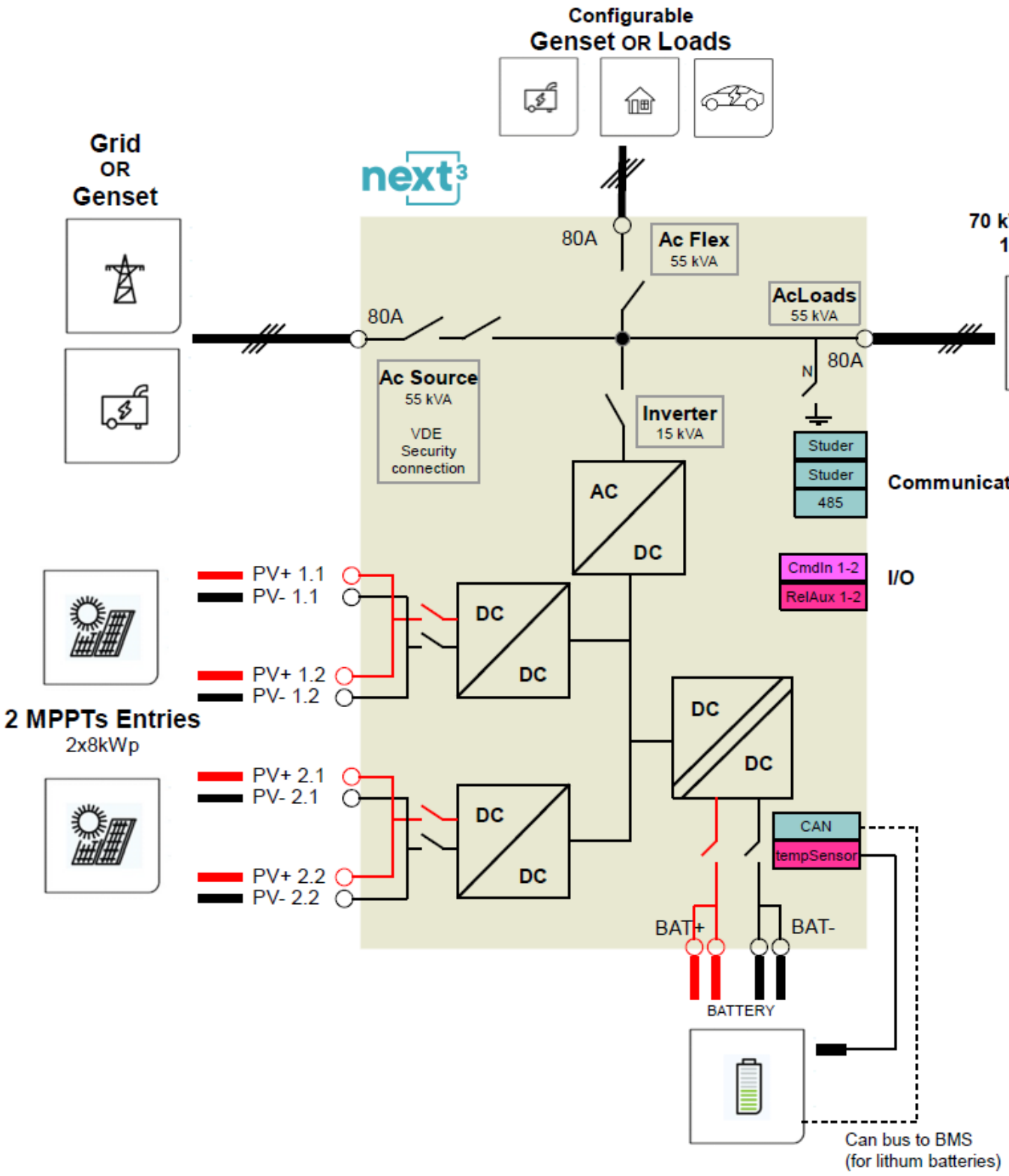
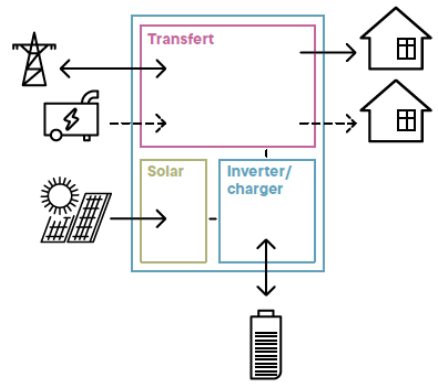
Principle schematic of the next3

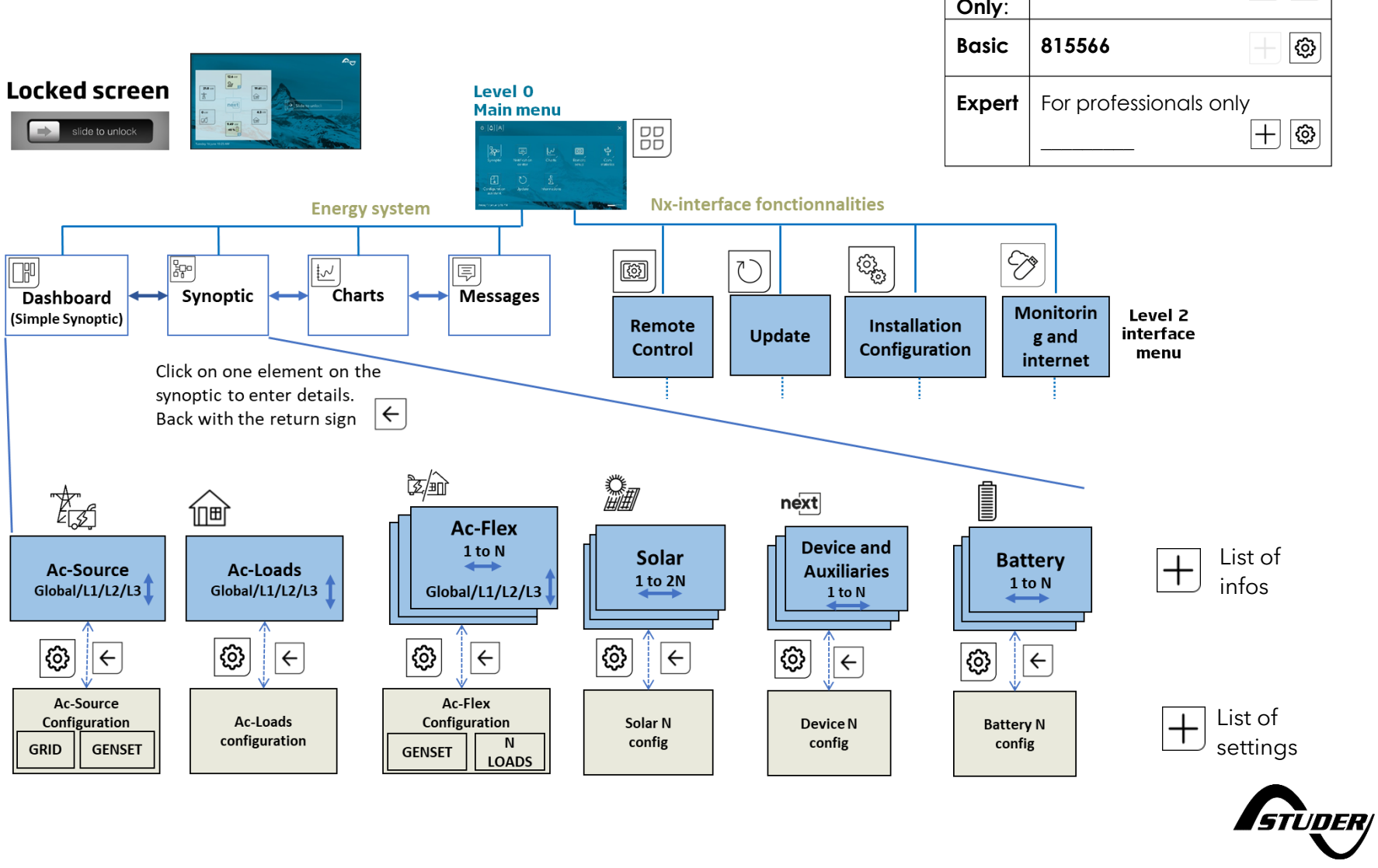




Map of screens

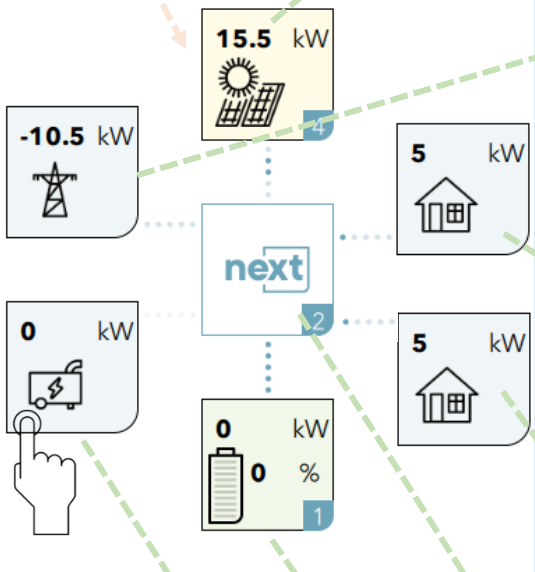
User access (in ⚙)

View Only:	**000000**
Basic	**815566** ⚙
Expert	For professionals only _____ + ⚙

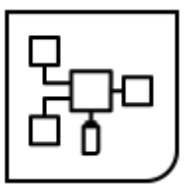


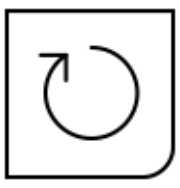
next3 user interface overview (provisory)

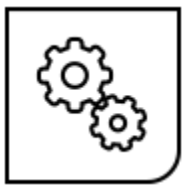
Dashboard:

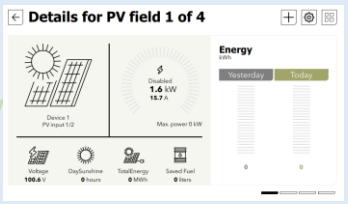


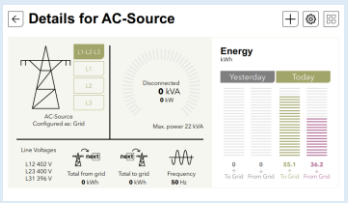
Similar access provided from the synoptic view:

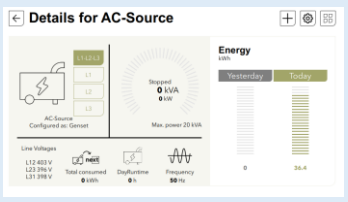


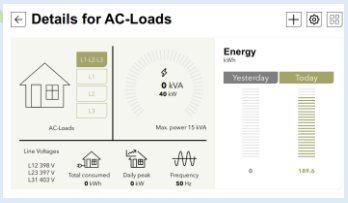


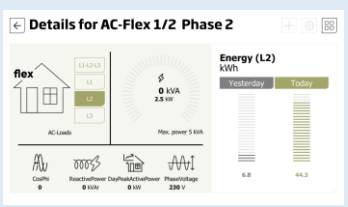


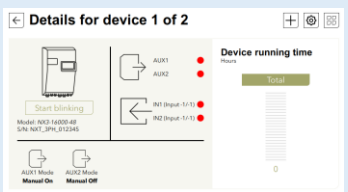


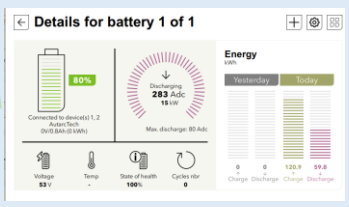


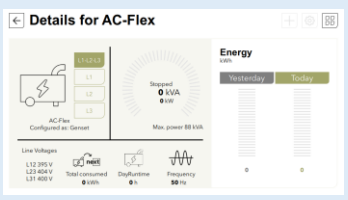


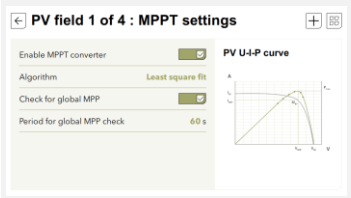


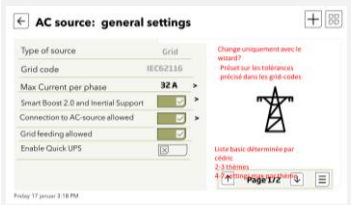


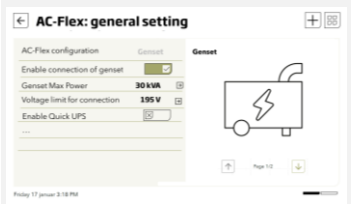


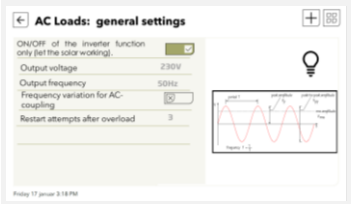


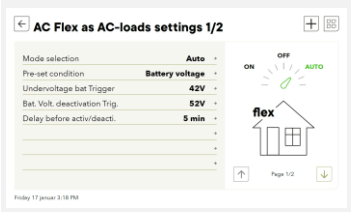


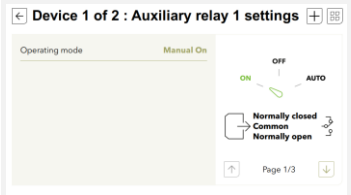


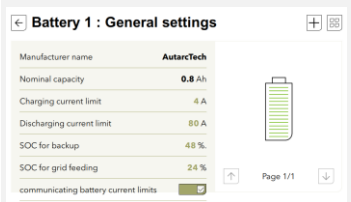


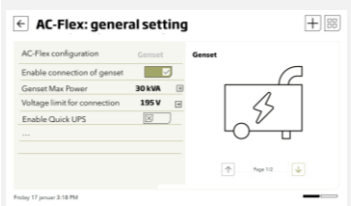


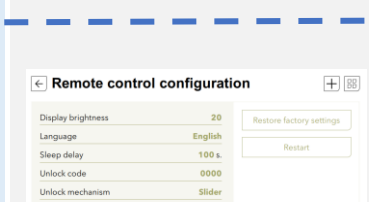


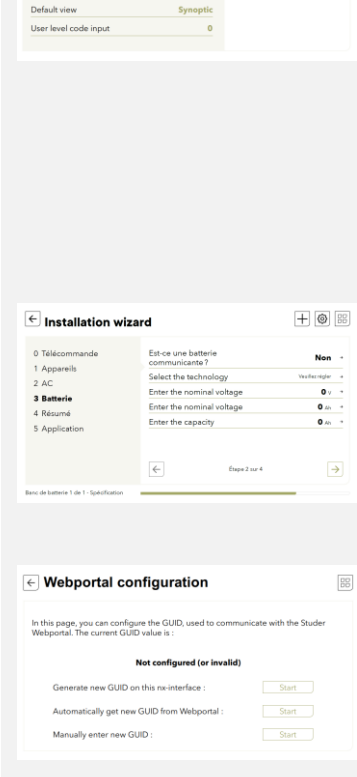


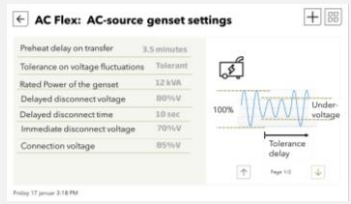


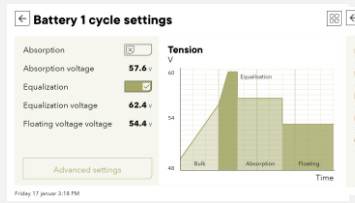


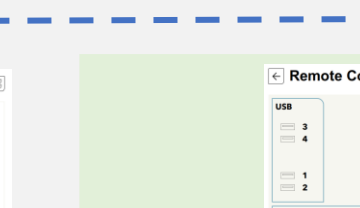


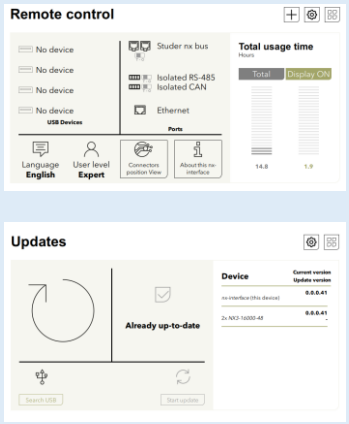


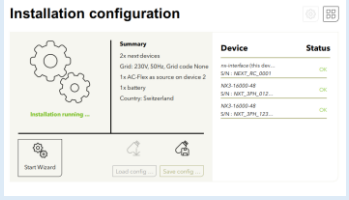


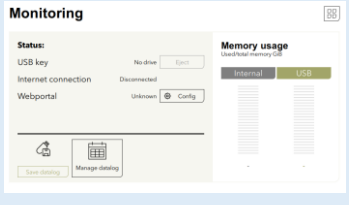


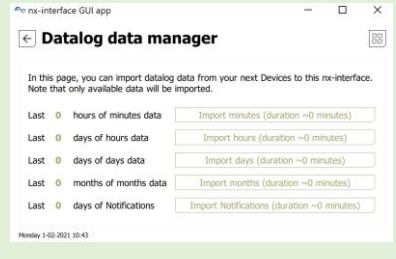












LEVEL 2

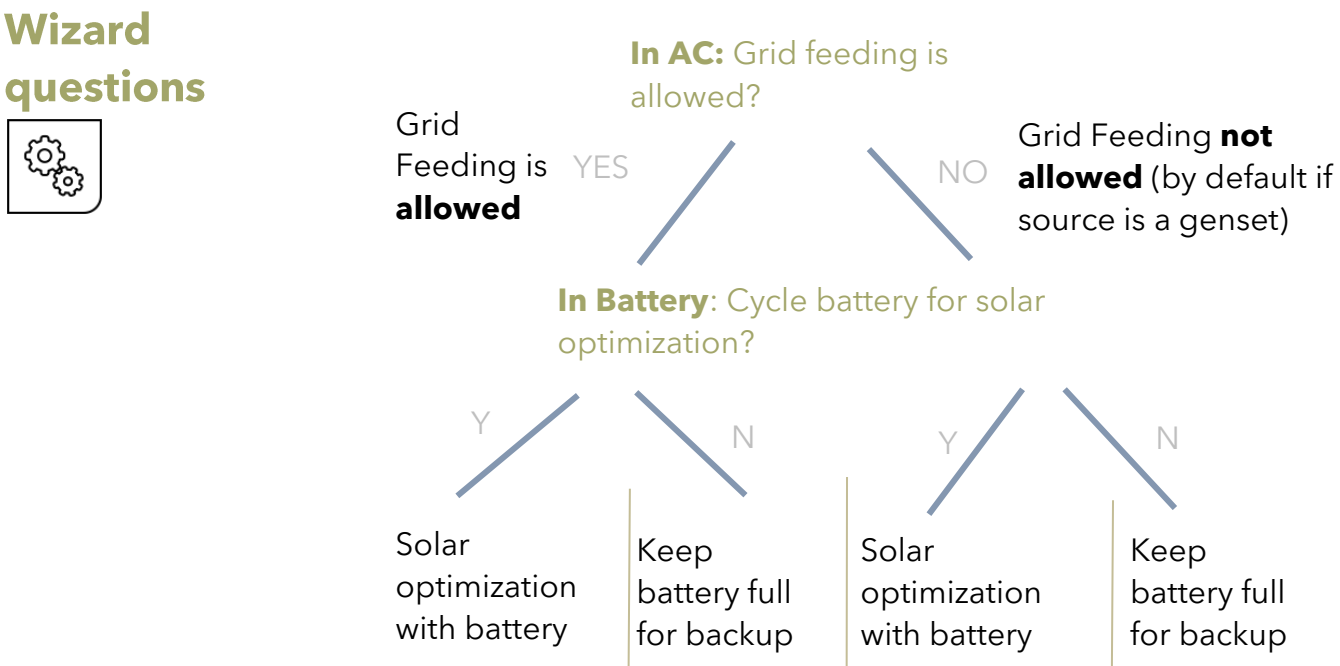
LEVEL 3

APPs

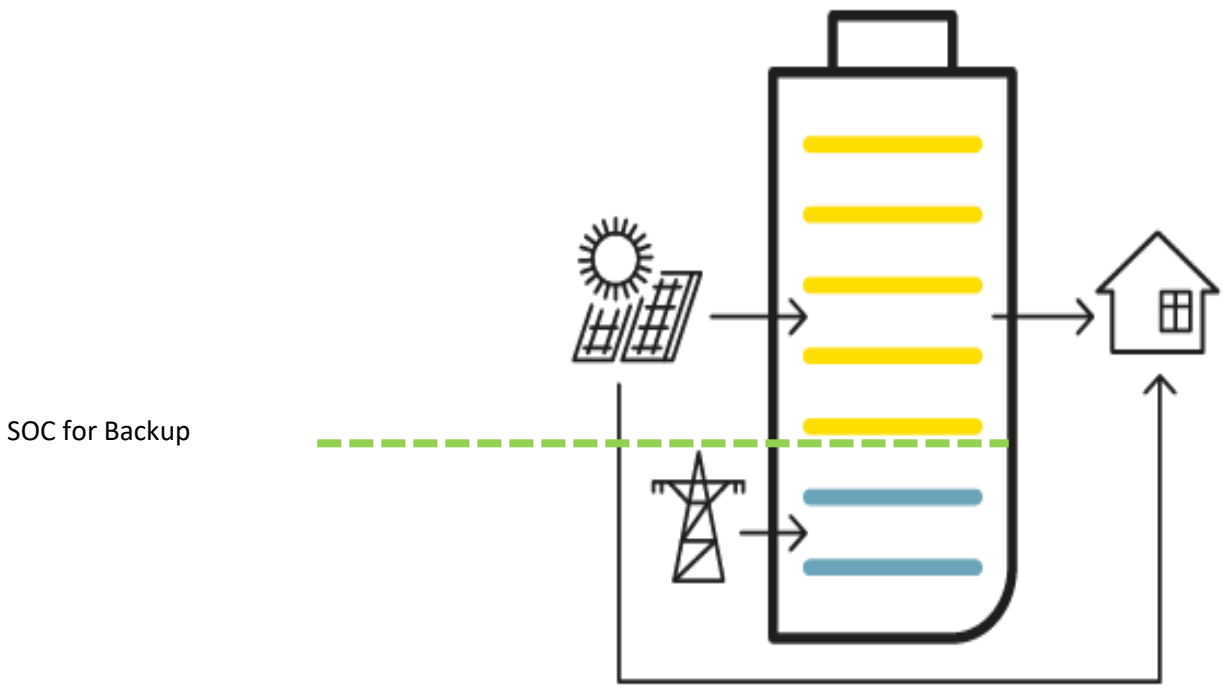
Note: main menu always accessible with:

Energy management

Two questions in the wizard to define the 4 main use cases:



Typical use case:	*Residential with self consumption optimization*	*Solar Backup with use of excess solar*	*Residential with Zero grid feeding*	*OFFGRID / Weak grids where backup is necessary*
Default SOC for Backup	30%	100%	30%	100%



Notes:

- *SOC for back-up* can be changed later in the battery settings.
- With *SOC for grid-feeding* you can discharge the battery down to the wanted SOC. It is at 100% by default: grid feeding of solar excess only when battery is full. It is also in the battery settings.

Standard use cases

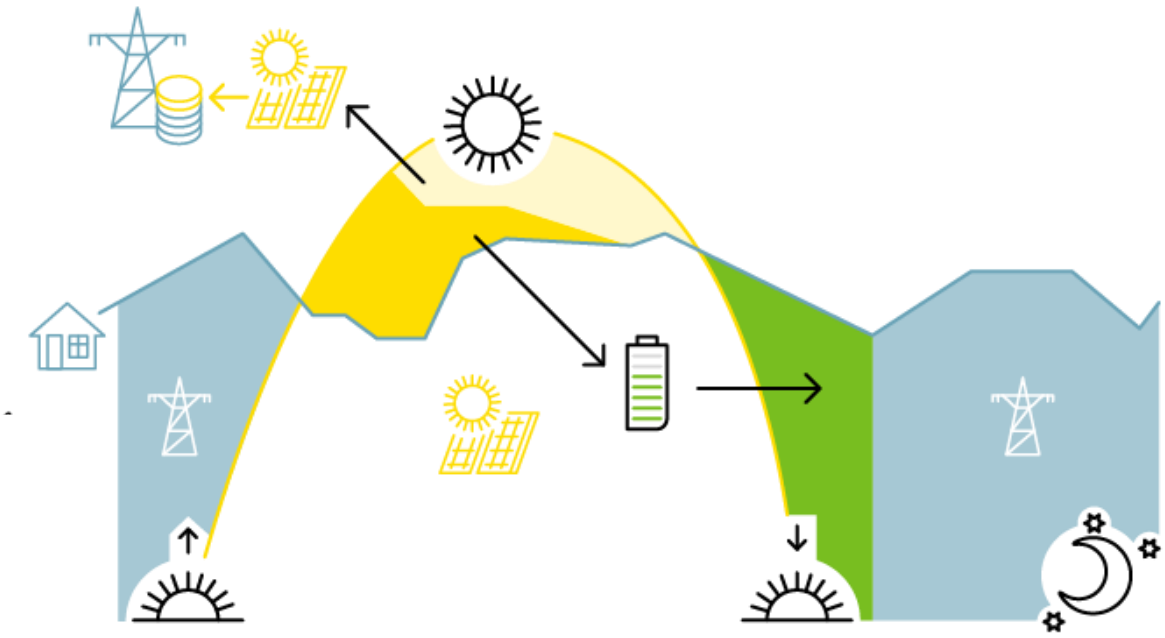
Self consumption with storage

Standard answers to wizard questions:

- Grid: YES with grid feeding
- Genset: NO
- Cycle battery: Yes

Behaviour:

- Optimisation with battery use between 100% and 30% (SOC for backup)
- Solar is used for the loads during the day
- When the battery is full, excess is fed to the grid



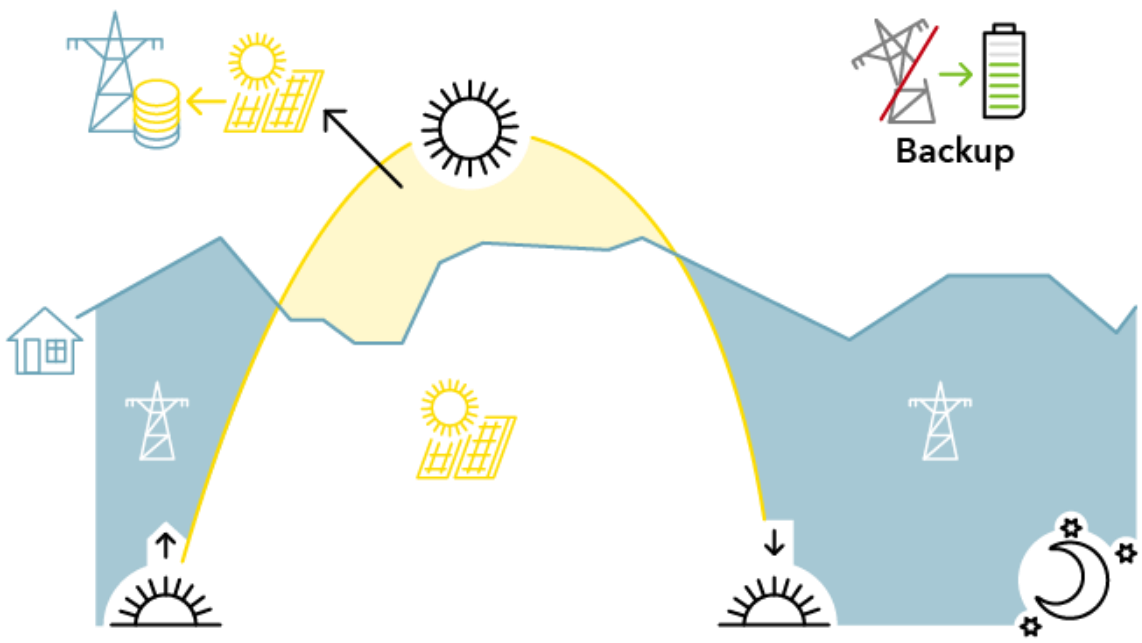
Full grid feeding: Self consumption without use of storage

Standard answers to wizard questions:

- Grid: YES with grid feeding
- Genset: NO
- Cycle battery: NO

Behaviour:

- All the battery energy is kept for a probable blackout.
- Solar is used for the loads during the day and excess is fed to the grid
- Next3 is like a grid-inverter when the grid is always on.



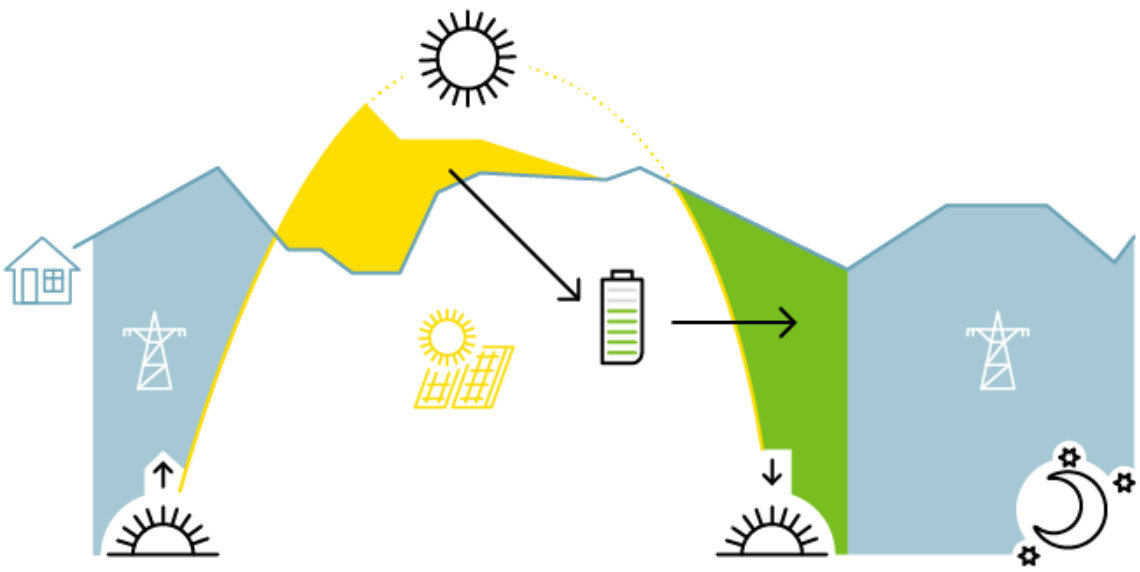
Zero grid feeding: your energy only for you

Standard answers to wizard questions:

- Grid: YES but without grid feeding
- Genset: NO
- Cycle battery: Yes

Behaviour:

- Energy is never sold back to the grid.
- Solar is used for the loads during the day and to fill the battery, and excess is lost
- Optimisation of self consumption with battery use between 100% and 30% (SOC for backup)



OFFGRID Hybrid system

Standard answers to questions:

- Grid: NO
- Genset: YES on AC-source
- Cycle battery: NO

Behaviour:

- Energy is never sent back to the genset.
- As soon as the genset is ON, the batteries are recharged to the max.
- Solar is used in priority for the loads during the day