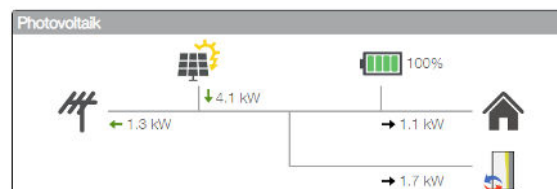
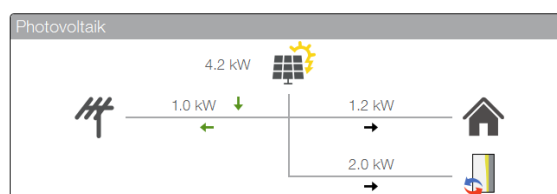
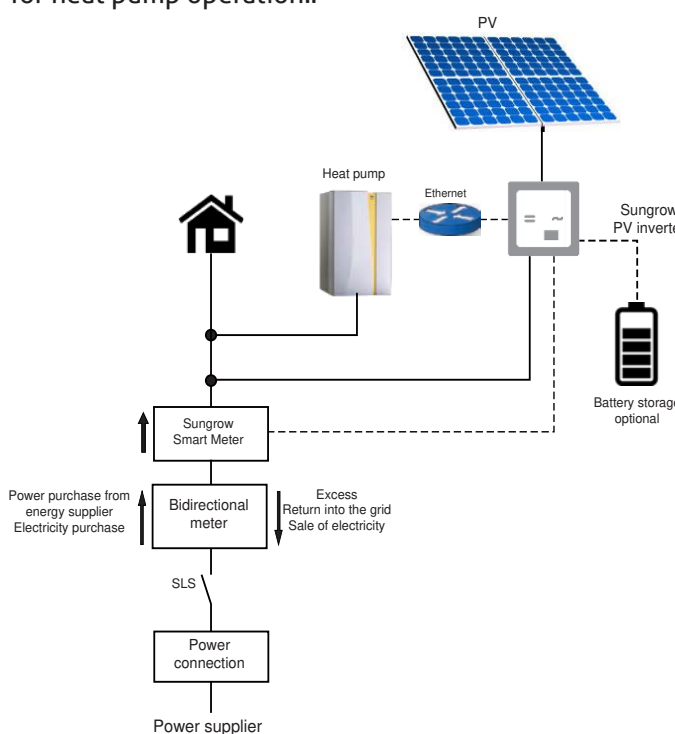


2.2.12. Communication with Sungrow PV systems

When communicating with Sungrow PV systems, it is important that the heat pump and the Sungrow system are in the same network. Communication between the heat pump and the inverter takes place automatically via the network. The surplus electricity is used for domestic hot water preparation, heat storage and heating management.

The excess current for the heat pump depends on the charge level of the battery. If the battery charge level is low, it is charged first. If the battery charge level is high, the energy from the battery is also used for heat pump operation..



A suitable Smart Energy Meter from Sungrow must be installed so that communication between the iDM heat pump and the PV system from Sungrow functions properly and the corresponding data can be recorded. The inverter must be connected directly to the router via LAN cable and the Modbus ID on the inverter must be set to „1“ (= default setting).

When using the WinNet-S Cloud app, the dongle must also be connected to the inverter in addition to the LAN cable.

Communication with several inverters is currently not possible!