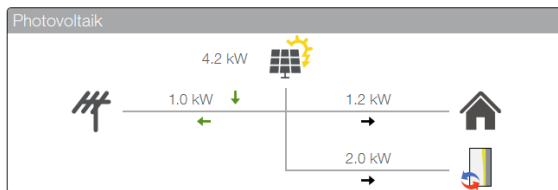
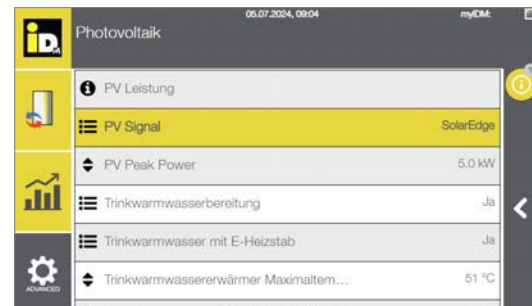
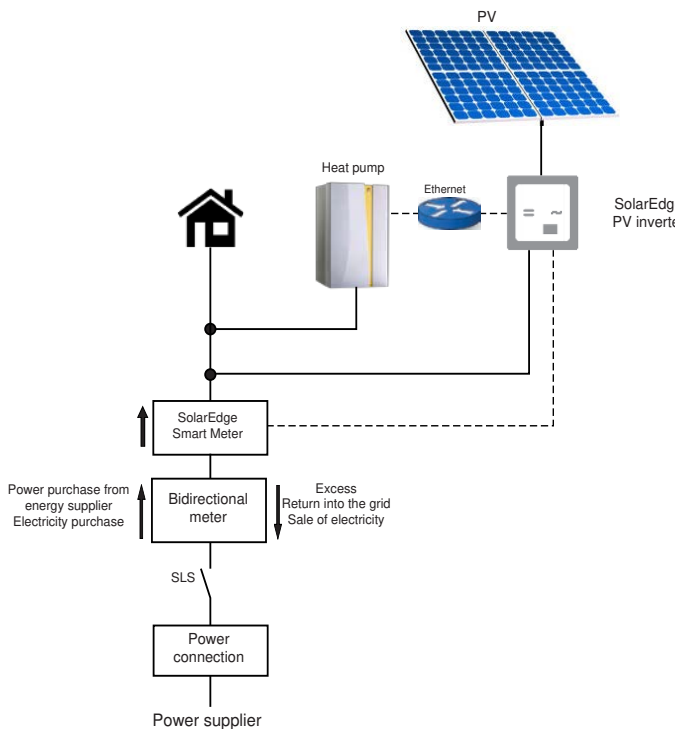


### 2.2.15. Communication with SolarEdge PV systems

When communicating with SolarEdge PV systems, it is important that the heat pump and the SolarEdge 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.



A suitable Smart Energy Meter from SolarEdge must be installed so that the communication between the iDM heat pump and the PV system from SolarEdge functions properly and the corresponding data can be recorded.

**Communication with systems with a battery storage system or an external electric heating element is currently not possible!**

**Communication with several inverters is currently not possible!**

### 2.2.15.1. "Modbus TCP" communication

A LAN connection using a LAN cable is required for Modbus TCP communication between the SolarEdge inverter and the iDM heat pump (WLAN communication is currently not possible).

The following settings must be made or checked on the SolarEdge inverter in the "Communication/LAN Config/Modbus TCP" menu:

- » Set Modbus TCP / TCP port to "502" (default)
- » Set Modbus ID to "1"