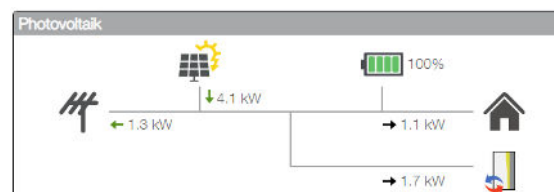
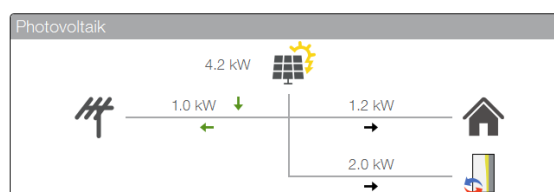
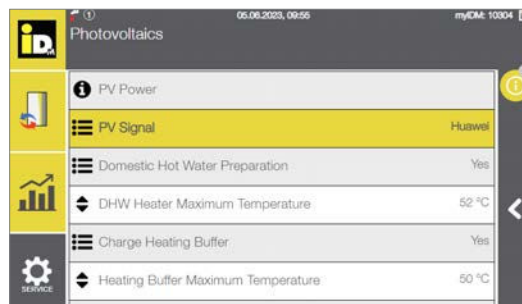
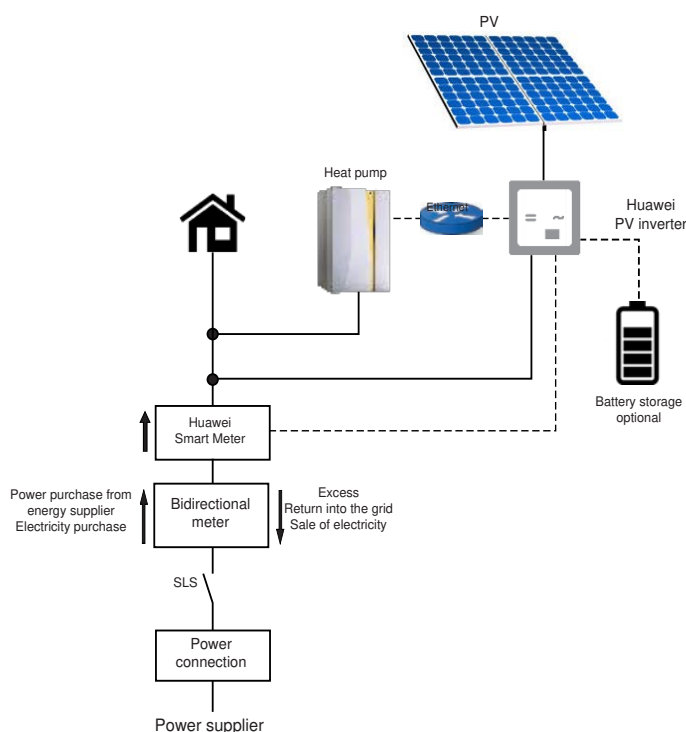


2.2.11. Communication with Huawei PV systems

When communicating with Huawei PV systems, it is important that the heat pump and the Huawei 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, the battery is charged first. If the battery charge level is high, the energy from the battery is also used for heat pump operation.



In order for the communication between the iDM heat pump and the Huawei PV system to function properly and the corresponding data to be recorded, a suitable Smart Energy Meter from Huawei must be installed. In addition, a dongle from Huawei and activation of the „Modbus TCP“ interface (mobile app from Huawei) is required!

Communication with several inverters is currently not possible!

2.2.11.1. Activate „Modbus TCP“ communication/interface



Modbus TCP communication must be set/activated via the mobile app.

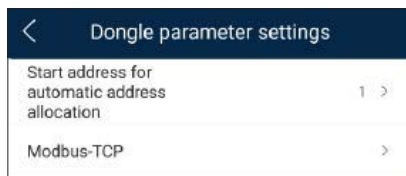
To do this, select the „Settings“ menu.



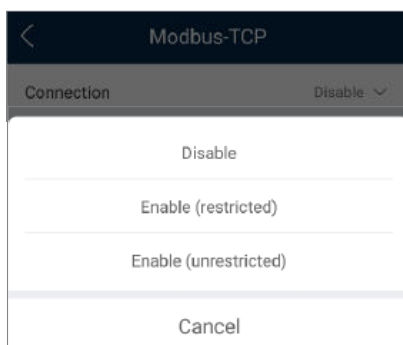
Select the „Communication configuration“ menu.



Select the „Dongle parameter settings“ menu.



Select „Modbus TCP“.



Select „Enable (unrestricted)“.