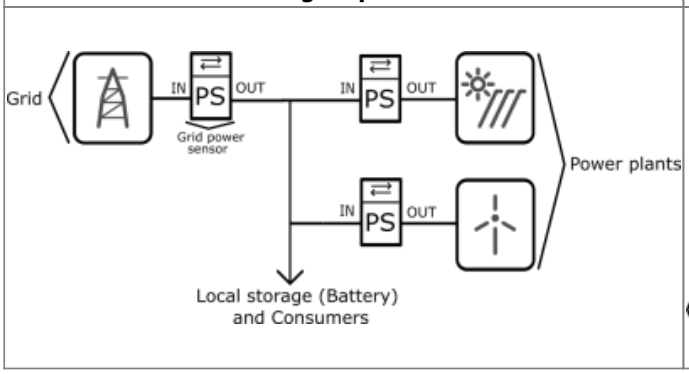
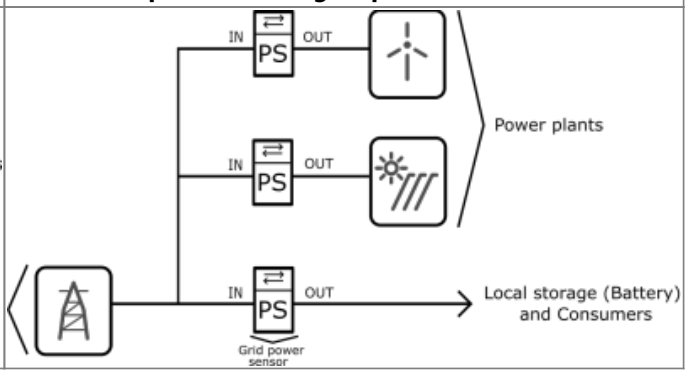
Power plant connection

The power plants can be connected to the grid in two ways:

serial with grid power sensor	parallel with grid power sensor
	

When configuring the power plant, select

- **in**: serial (**in**ternal) with grid power sensor
- **ex**: parallel (**ex**ternal) with grid power sensor

The power plants are configured as internal by default.

PV inverter

Obtaining relevant data from photovoltaic is possible by two ways:
1. adding power-sensor to measure produced electricity by PV (no connection to interver). How to add power sensor please see Power Sensor
2. connecting PV inverter by Modbus TCP to EVSE (only for SolarEdge inverters)

SolarEdge inverter over Modbus TCP

EVSE and PV inverter connection

- **Connect** communication bus (to only one power-sensor)
- In HEMS Configurator power-sensor should appear as a “new device”
- Press and hold the push-button on the power-sensor until it appears **-SEt-** on display
- In HEMS Configurator click on the **“ add”** button next to the source or consumer that the sensor is measuring
- Connect communication bus to the next power-sensor and repeat procedure

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