

# Power plant connection

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



When configuring the power plant, select

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

- **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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