

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
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When configuring the power plant, select

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

Power plants are configured as internal by default.

Obtaining data (power, voltage, etc...) from power plants is possible in two ways:

- 1. adding power sensor to measure produced electricity
- 2. connecting PV inverter via Modbus TCP (for SolarEdge inverters only)

EVSE and **PV** inverter connection

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Add inverter using configurator:

• settings page → meter → select 'SolarEdge',

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 io mux page → Slave device IP address → IP address → set IP address of inverter (inverter must have static IP)

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Setup Modbus TCP on Inverter side using SolarEdge SetApp:

- Select Site Communication menu
 - \circ RS485-1 → Protocol → SunSpec (Non-SE Logger)
 - $\circ\,$ RS485-1 \rightarrow Device ID, enter address 1
 - \circ Modbus TCP → Enable
 - \circ set TCP port → 502

Note:

The TCP server idle time is 2 minutes. In order to leave the connection open, the request should be made within 2 minutes.

First, add inverter to Configurator, then setup Inverter by SetApp!