# Add power sensor

Default address on all power sensor is 149.

Available addresses for sensors are listed in table.

**Note**: adding is supported one by one.

Address	Power sensor position
150	Grid
154,155,156	PV
157,158	Battery storage
161167	consumer

#### One-phase sensor PM1-E-D

- Wire it to communication bus,
- press and hold the push-button on the power sensor until it appears -SEt- on display,
- it should appear in configurator as new device, click on button **add** next to the source or consumer where sensor should be assigned,
- repeat procedure for next PM1-E-D.

## Three-phase sensor PM3-E-D

- Connect communication bus (to only one power-sensor)
- In HEMS Configurator power-sensor should appear as a "new device"
- 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

**Note**: It is possible to set address manually - before adding power sensor to communication bus. Allowed addresses are 150,154,161-167.

### Without grid power sensor

• **Virtual grid PS** is an option if no grid meter is used. Power, current and energy will be calculated from other power sensors.

## **Power-sensor removing**

## **One-phase sensors PM1-E-D**

- Make sure the "new device" is empty
- Press the button on power-sensor until -Set- appears on the display
- In HEMS Configurator press "del" button next to the sensor
- After a few seconds, the sensor should appear as the "new device"
- If desired, the sensor can be removed or it can be assigned to another device

## Three-phase power-sensor

- Make sure the "new device" is empty
- In HEMS Configurator press "del" button next to the sensor
- After a few seconds, the sensor should appear as the "new device"
- If desired, the sensor can be removed or it can be assigned to another device

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Last update: 2022/12/14 15:09

