

Wireless CT Sensor (optional accessory)

In some cases, it can be difficult or impractical to install a wired sensor. For example, it may be the case that the zappi unit needs to be connected to a sub-board, rather than main consumer unit and two consumer units are in different buildings.

The solution is to install harvi – a clever device that enables the zappi and eddi products to be installed without using wired CT sensors; instead, the CT sensor is connected to harvi.

The harvi does not need batteries or a power supply – the energy from the sensor is harvested and used to transmit the measured signal to the zappi or eddi. This means batteries or electrical wiring are eliminated!

Up to 3 CT sensors may be used with harvi and it also supports 3-phase systems if three sensors are connected.



Refer to the harvi installation guide for details on installing and configuring harvi for your system.

CT Golden Rules

Grid CT

- Only **ONE** Grid CT per phase (check for only one ~ symbol in **Linked Devices Info**).
- Positioned to 'see' ALL import and ALL export current (i.e. always upstream of any junction box).
- Must be on the same phase as the *master* myenergi device.

All CTs

- Arrow should point towards the consumer unit.

3-Phase harvi CTs

- When using harvi in 3-phase mode, the CT inputs correspond to the phase number (e.g. CT1 = Phase 1).
- All harvi devices used in a 3-phase property must be set to 3-phase mode

CT can dos

- ✓ Can be wired to ANY myenergi device in the network.
- ✓ harvi can be used to make ANY CT wireless⁴.
- ✓ The CT cable can be extended up to 100m (must use twisted-pair cable e.g. one pair of CAT5). The CT cable can also be shortened.
- ✓ Can be clipped around two or more conductors feeding appliances of the same type (e.g. two Live cables from two inverters that are on the same phase).
- ✓ Can be in close proximity to other CTs.
- ✓ Wires can be swapped in the device to reverse the direction of the readings (e.g. change import to export).
- ✓ Can be grouped with other CTs of the same type so that the power reading is summed (e.g. east and west solar Generation).
- ✓ Can be used on the Neutral conductor in a single-phase installation (direction of arrow or wires must be reversed).
- ✓ Can be set to none in the zappi menu if you want to exclude the reading.

⁴ Although CT's connected to a harvi cannot be used with Monitor Group option