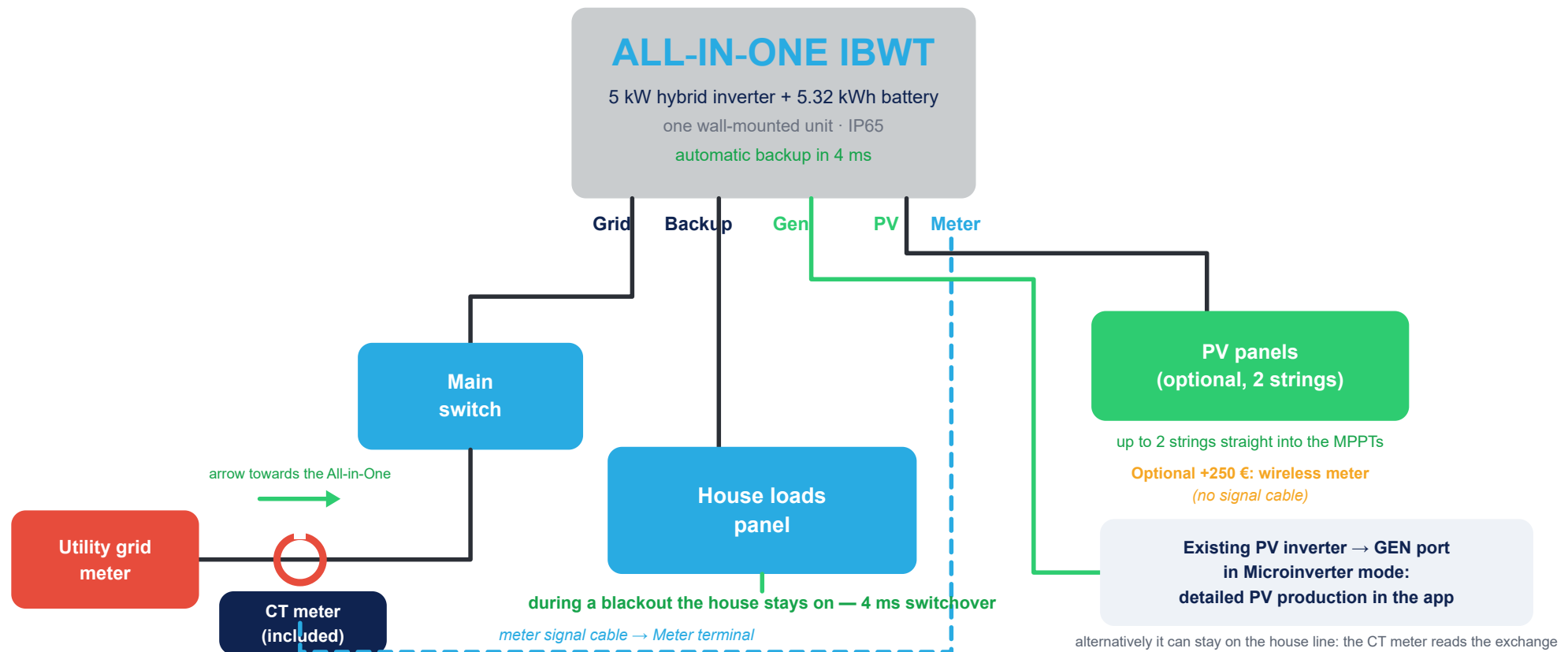




Wiring diagram — All-in-One 5.3 kWh

GRID from the mains · **BACKUP** to the house panel · **GEN** for the existing PV inverter · **PV** on the 2 MPPTs — **wired CT meter included** (wireless optional +250 €)



CONNECTIONS

- **GRID** — the mains comes in through the disconnect switch. CT meter on the live wire (arrow towards the unit), wires to the **Meter** terminal. Wireless optional +250 €.
- **BACKUP** — feeds the house panel: switches over in 4 ms during a blackout.
- **GEN** — recommended for the **existing PV inverter** in **Microinverter** mode: detailed production in the app. It can also stay on the house line (the CT meter measures it).
- **PV** — 2 MPPTs for direct strings (optional).

2-MINUTE CHECK

- Turn on a known load (1.5–2 kW): grid power in the app must rise by that amount, shown as **import**.
- Sign reversed? The meter is flipped: refit it rotated by 180°.
- Reads 0 W? You clamped live and neutral together: it goes on the **live wire only**.

SAFETY

- **Switch off the power** before working in the panel and check with a voltage tester.
- Panel connection by a **qualified electrician** (local electrical regulations apply).
- BACKUP rating 5 kW: very heavy loads are better wired straight to the mains.
- In doubt? **Send a photo of your panel on WhatsApp:** we'll do the setup together.