

# THE METER

# FOR SMART COMBOS

### MORE POWER

Time to scale up - **fully integrated 25 kWp Solution** with one PV and one Hybrid inverter. The new meter with 2 CTs from Sungrow **improves self-consumption** and brings more power and flexibility in the design of Residential solutions. The **need of only one additional Hybrid inverter saves costs** and makes the Solution economically beneficial.

### NEW & RETROFIT INSTALLATIONS

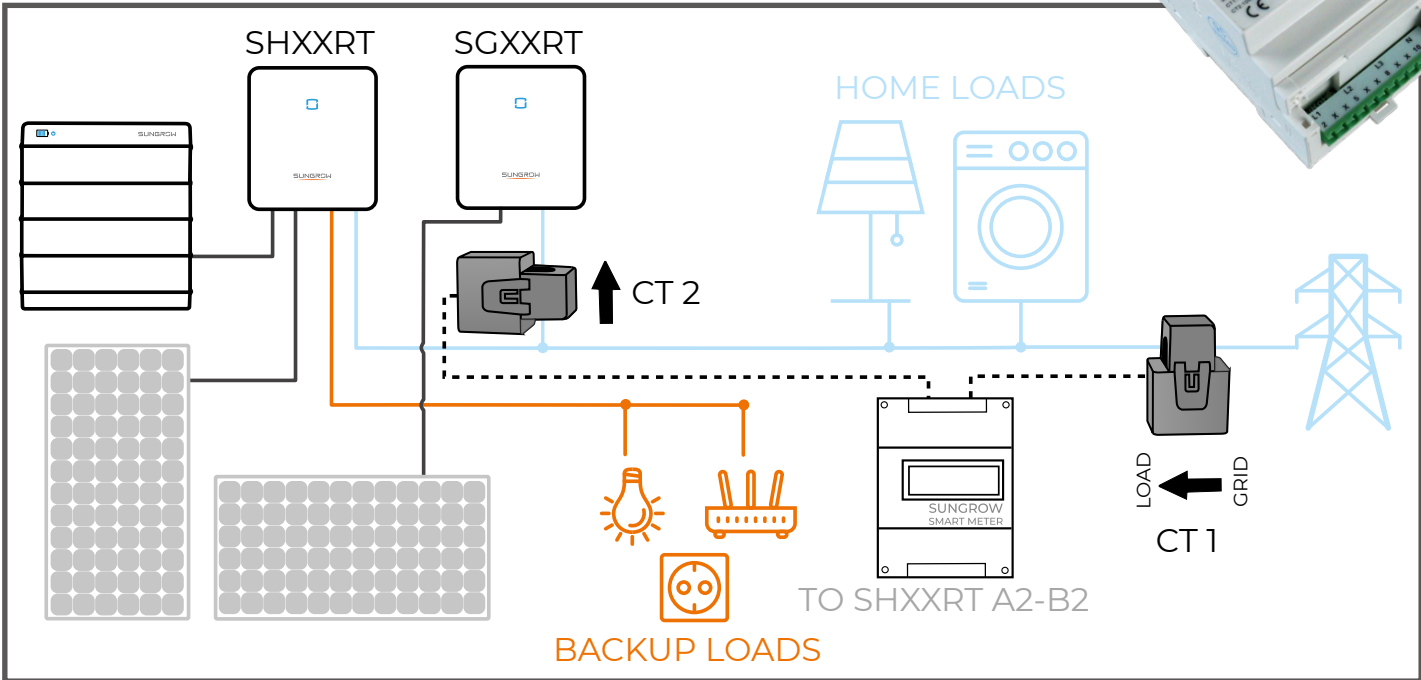
The new meter makes the 3-phase Hybrid inverter from Sungrow **compatible with every inverter, also from other manufacturers**. No need to synchronize monitoring data anymore, as the meter with 2 CTs allows to **get information from 2 devices at the same time** and report them to the iSolarCloud Monitoring Platform.

- 1 x** Sungrow / 3rd party **PV Inverter**
- 1 x** Sungrow **Hybrid Inverter**
- 1 x** Sungrow **Battery**
- 1 x** Sungrow **Meter + CT**

# 25 kWp

per installation

## HOW TO CONNECT THE METER



# MORE ANSWERS



**ELSA CUBILLAS**  
Product Manager Residential

**1 How to check compatibility of an existing plant for the new meter?**  
The existing PV system should be within 150 kVA & the AC cable diameter should be within 70 mm<sup>2</sup> per phase. Feed-in Limitation requirements need to be managed independently.

**2 What is the benefit of using a meter with 2 CTs?**  
Both inverters can act as one unit. The 1. CT is connected to the grid feed-in point to monitor the energy fed-in the grid. The 2. CT is connected to any other PV inverter to monitor its production.

**3 Why not connecting each inverter to iSolarCloud separately?**  
The 2 CT meter solution improves timing for both: 2 Sungrow inverters or Sungrow + 3rd party inverter. Also, synchronization issues will be minimized, if only one communication device sends information to iSolarcloud.

**4 Is the new meter with 2 CTs part of delivery of the 3-phase Hybrid?**  
No, the 3-phase Hybrid comes with the normal 3-phase meter. To be able to combine the 3-phase Hybrid with another PV inverter, the meter with 2 CTs, has to be bought separately.

**5 Can the new meter be used for feed-in limitation?**  
Yes, together with the meter the 3-phase Hybrid is able to control its energy output to the grid. It will lower its power down to 0 to maintain the limit.

**6 Which values will be monitored by the energy meter?**  
The meter will monitor the following values: V, Hz, A, kW, kWh. The CT connected to the PV inverter can only measure current (A).

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