



CREATE A NEW ERA OF SMART ENERGY

Residential Portfolio

RESIDENTIAL SOLUTION

0.7-15kW



SDT G2

4-15kW / 2 MPPT



100% Up to
Oversizing



Compact & Light
Weight



Arc-Fault Circuit
Interrupter



Max. Input
Current
A25



MPP 3 Up to
Trackers



DNS

3-6kW / 2 MPPT



XS

0.7-3kW / 1 MPPT



- **single phase** Residential inverters from 0.7 to 3 kW with 1 MPPT
- **Light Weight** 5.8 kg
- **Small size**, As small as A4 size
- **PV Voltage Range:**
 - 50V-450V **MPPT Range**, max input 500V
- **High energy yields** thanks to:
 - efficiency up to 97,6%
 - AC overloading up to 10%
 - 50% DC overloading
- **Reliable**, also under tough conditions, thanks to IP65 rating and operating temperature range of -25...60°C

DNS Series



- **single phase** Residential inverters from 3 to 6 kW with 2 MPPTs
- **Light Weight** 13 kg
- **Small size** 354*433*147
- **PV Voltage Range:**
 - 80V-550V - **MPPT Range, 600V max input**
- **High energy yields** thanks to:
 - efficiency up to 97,8%
 - AC overloading up to 10%
 - 50% DC overloading
- **Reliable**, also under tough conditions, thanks to IP65 rating and operating temperature range of -25...60°C

SDT G2 Series



- **Three phase** Residential inverters from 4 to 15 kW with 2 MPPTs
- **Light Weight** 15-18 kg
- **Small size** 354*433*155
- **PV Voltage Range:**
 - 180V-850V - **MPPT Range, max input 1000V**
- **High energy yields** thanks to:
 - efficiency up to 98,3%
 - AC overloading up to 10%
 - 50% DC overloading
- **Reliable**, also under tough conditions, thanks to IP65 rating and operating temperature range of -30...60°C

GoodWe Residential On-grid Inverters



Standard Features

- Integrated AC/DC SPD Type III
- DC Switch
- Wi-Fi communication
- RS485 communication
- LED and LCD display

Optional Features

- CT for export control
- Smart Meter for export control
- LAN communication
- 4G communication

GoodWe Residential On-grid Inverters – Benefits at a glance

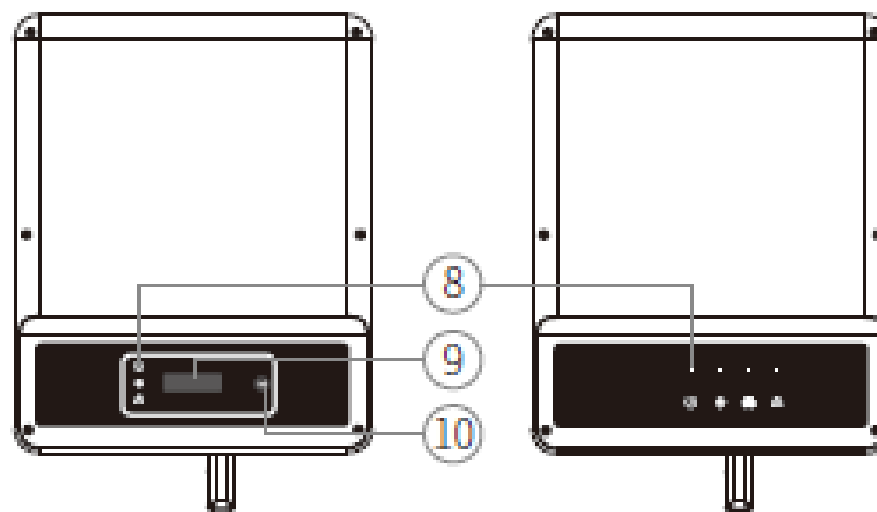
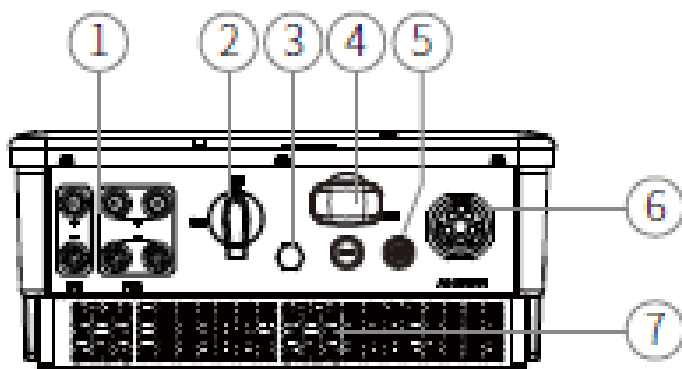


- **High Efficiency** – More Power, Less Heat
- **Flexible Designing** – Multiple MPPT
- **Export Control** – Simple grid output setup with optional CT/Smart Meter
- **Easy Installation** – Light weight & compact design
- **Reliable**, also under tough conditions, thanks to **IP65** rating and operating temperature range of -25...60°C
- Designed for **quiet operation and longevity**
- **SEMS** – Free on monitoring

Inverter Overview

SDT G2 Series

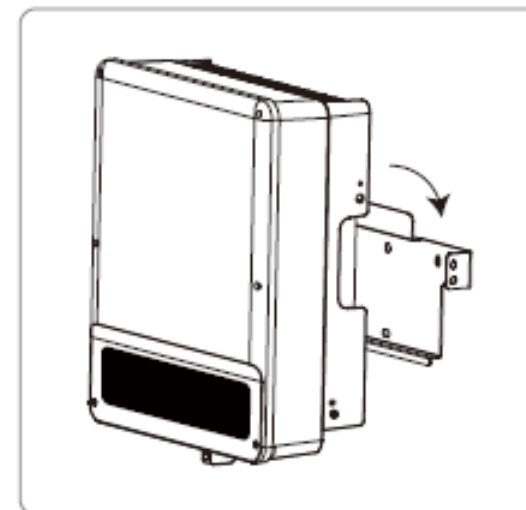
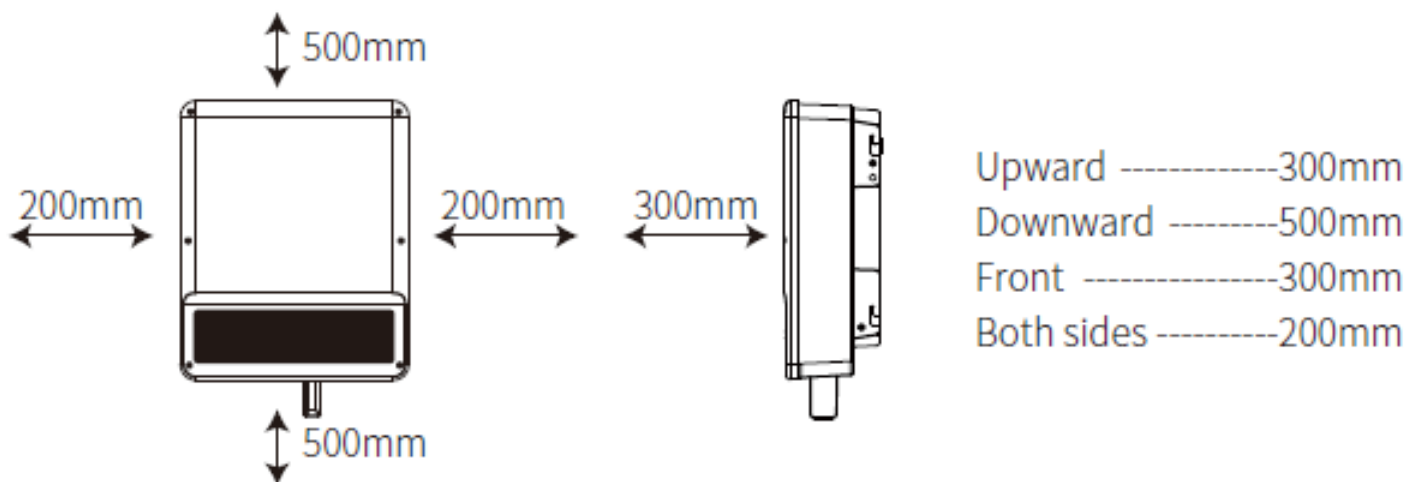
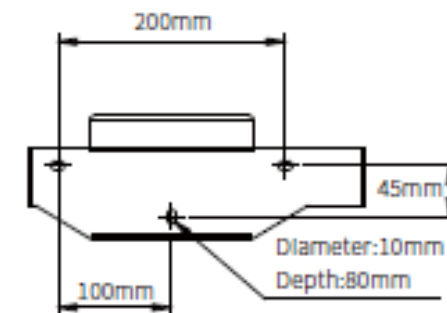
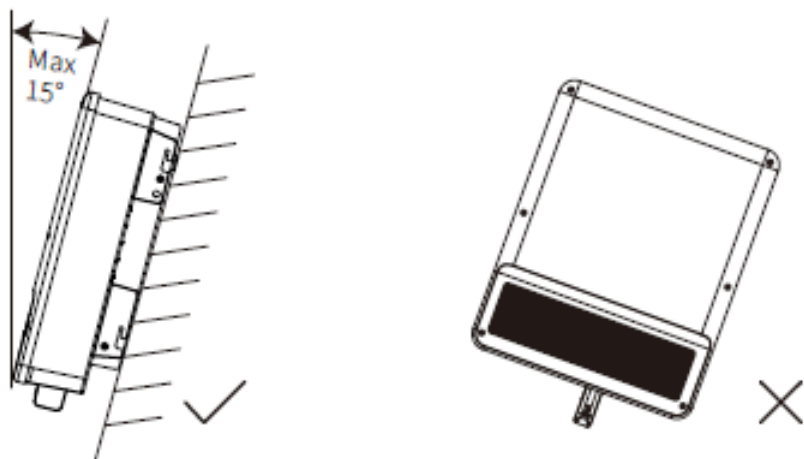
12~15KW



1. PV Input Terminal
(SDT G212~15KW PV *3pair)
2. DC Switch (Optional)
3. Waterproof Vent
4. Com Module
5. Meter & DRED / Remote Shutdown Port (Optional)
6. AC Output Terminal
7. Fan
8. Indicator Lights
9. LCD
10. Button

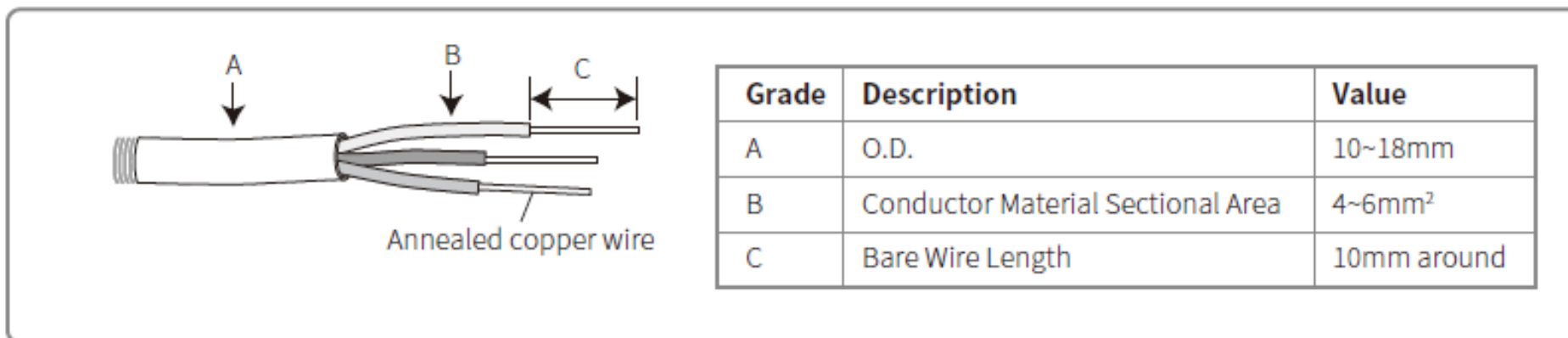
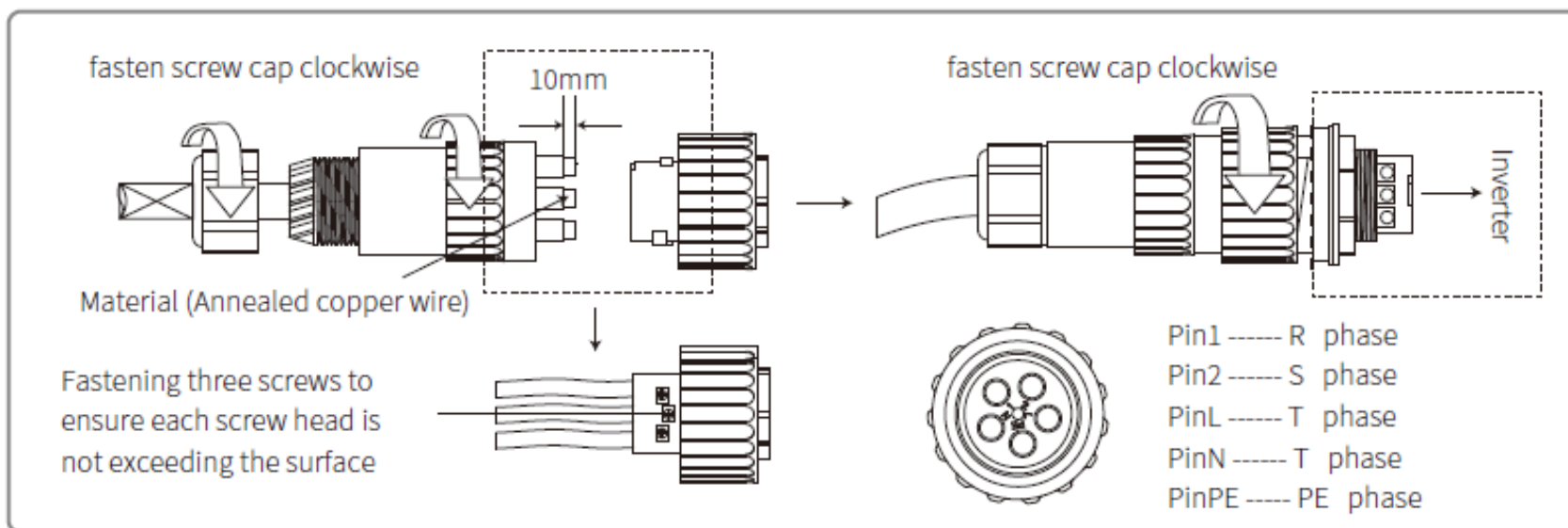
Inverter installation

SDT G2 Series Mounting



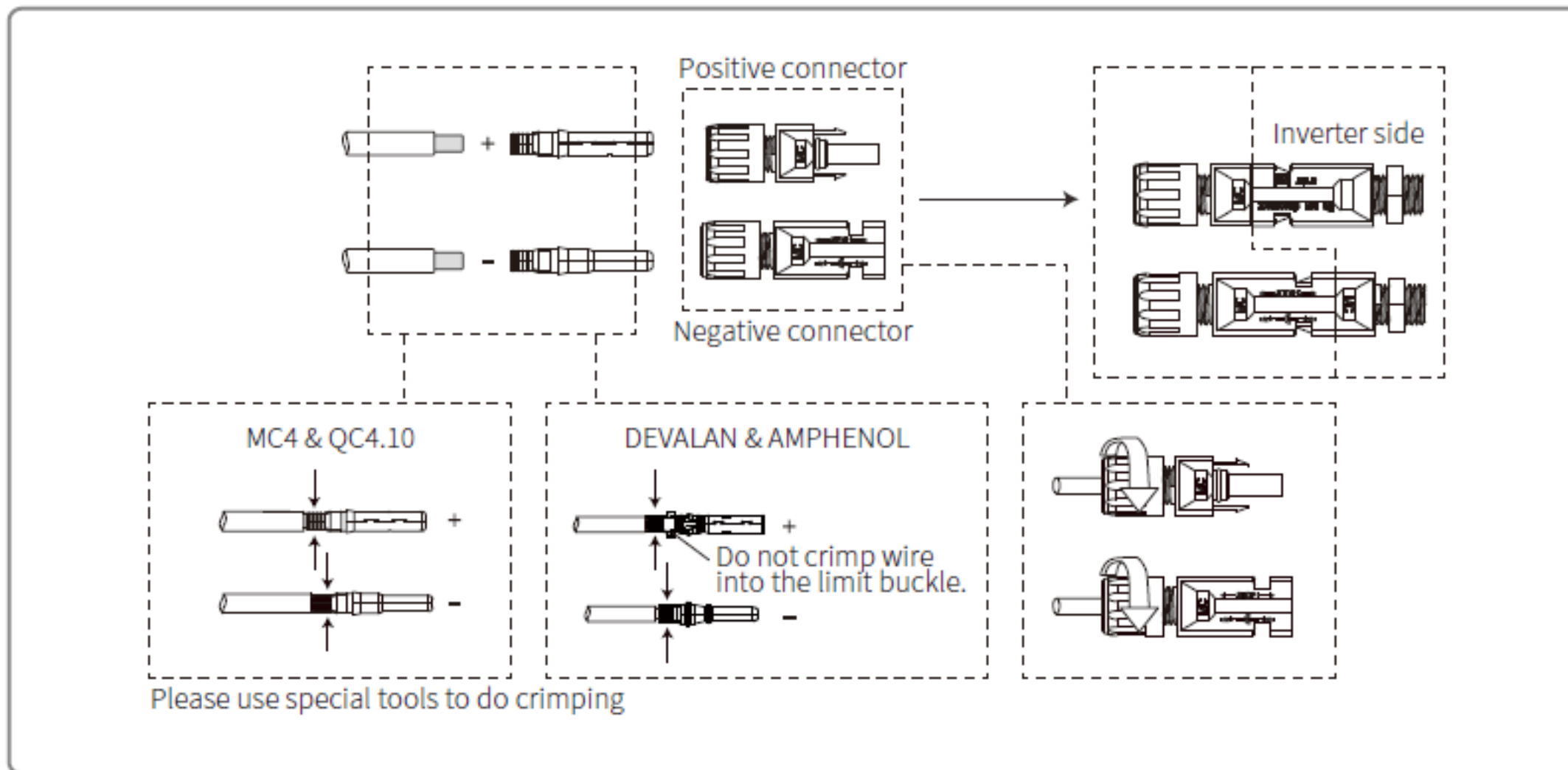
Inverter installation

AC connection



Inverter installation

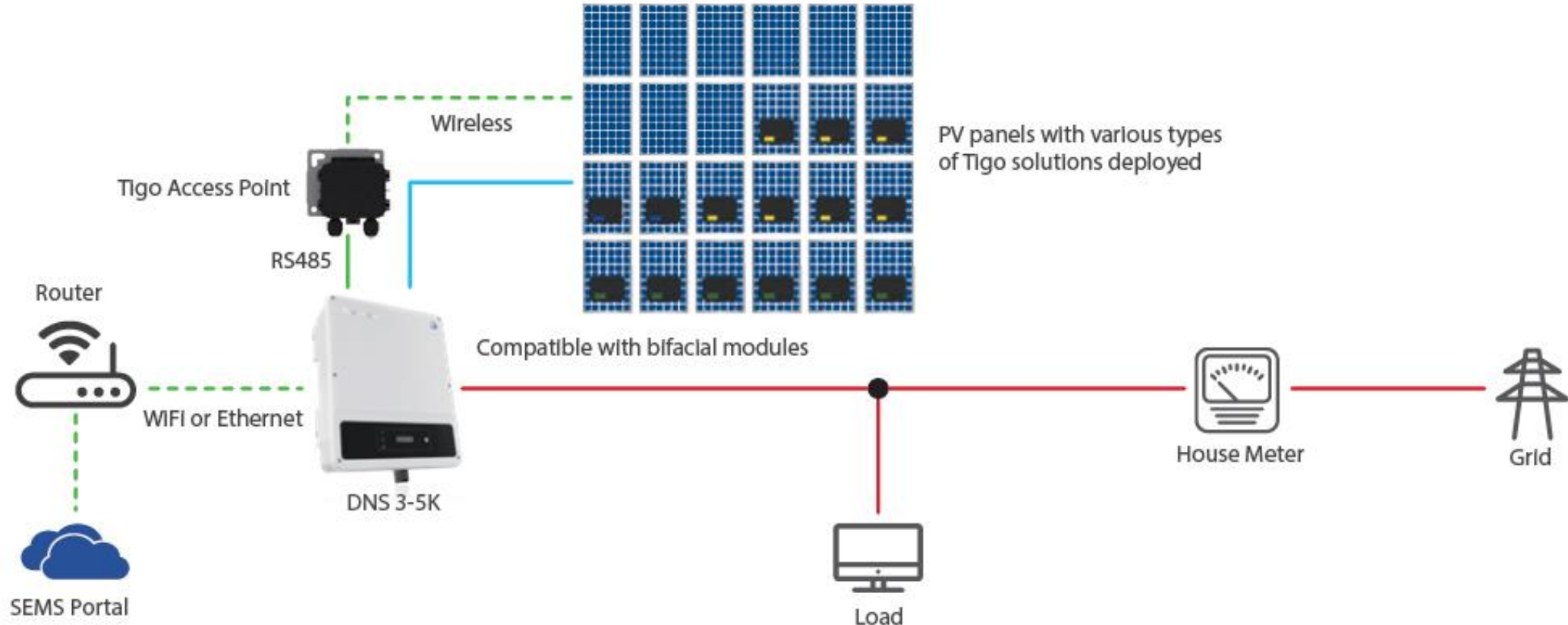
DC connection



GoodWe DNS + Tigo Solution

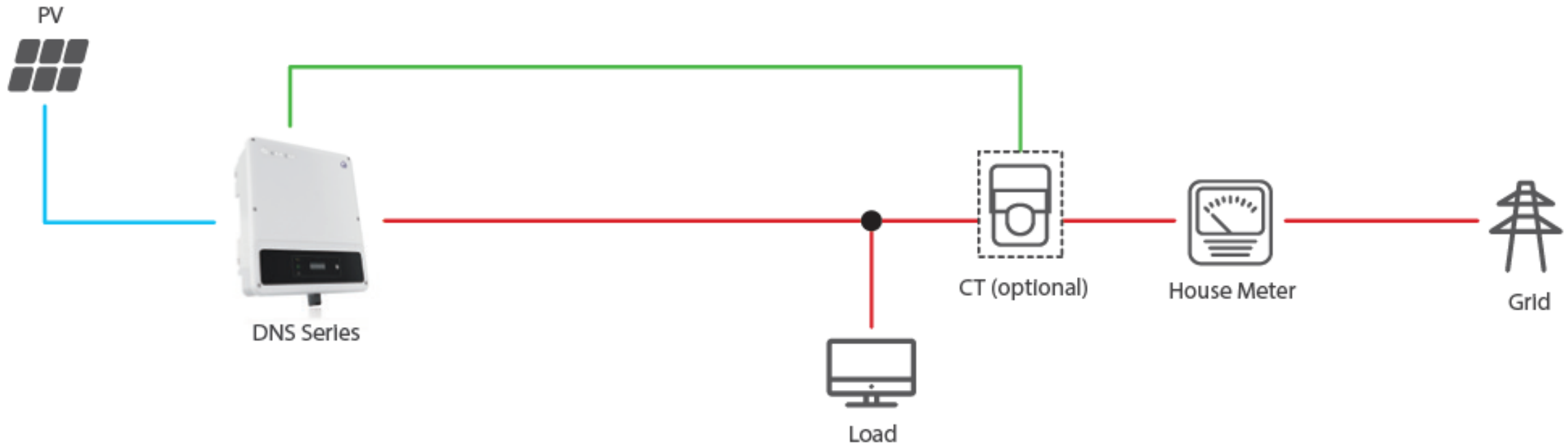


- GoodWe's DNS inverter is equipped with Tigo's integrated Cloud Connect Advanced (CCA) and deployed with Tigo's TS4 Platform module-level power electronics.



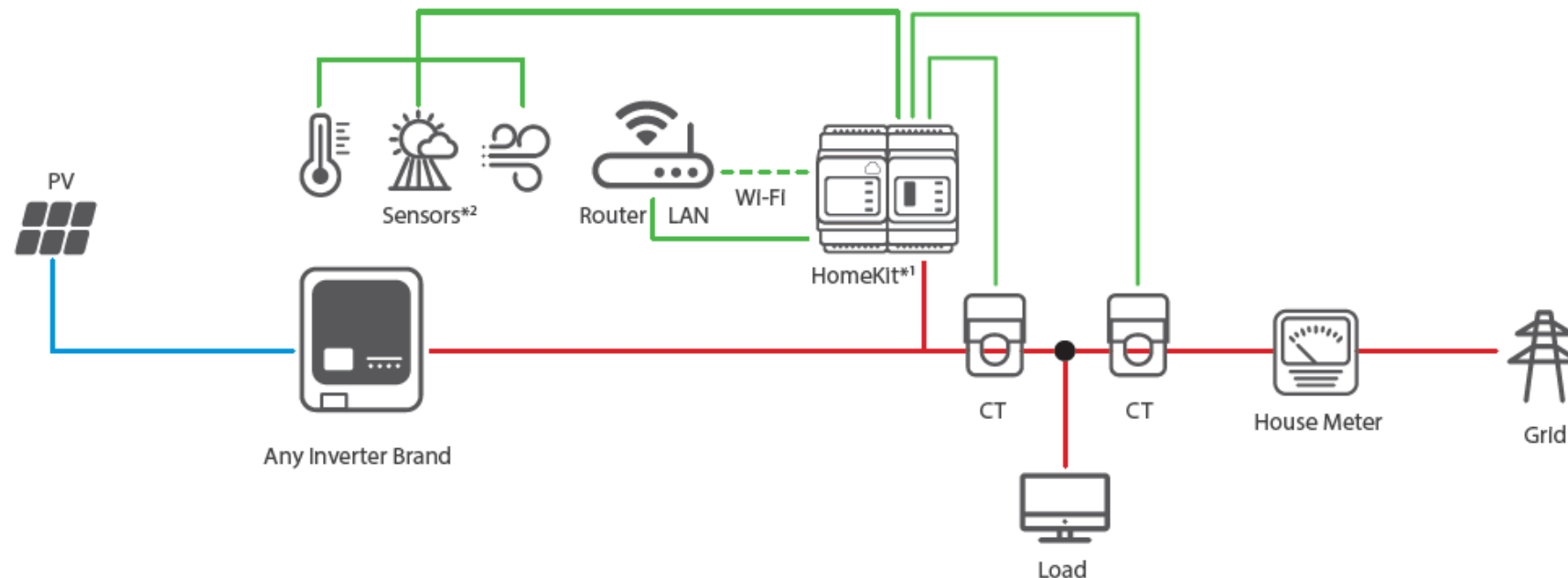
Zero-export

- The DNS inverter features a Zero Export function among its settings. This function can be activated with the use of a current transformer, which has the ability to detect any current flow to the grid and communicate this information to the inverter.

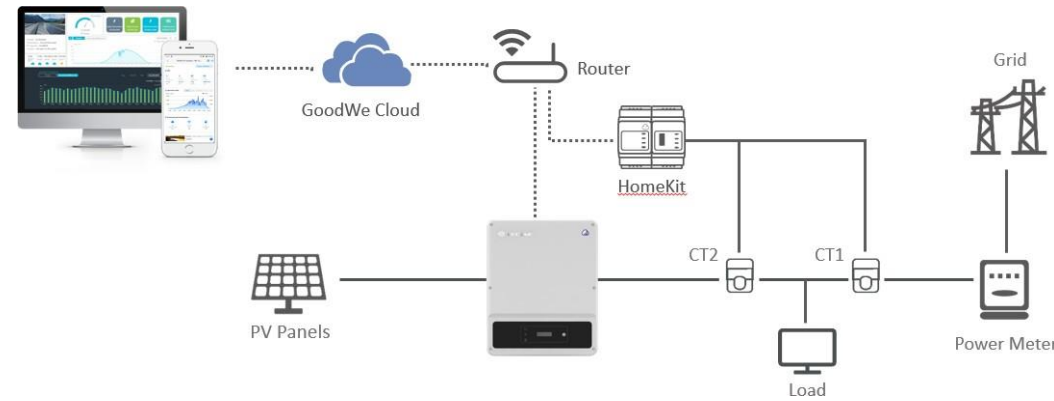
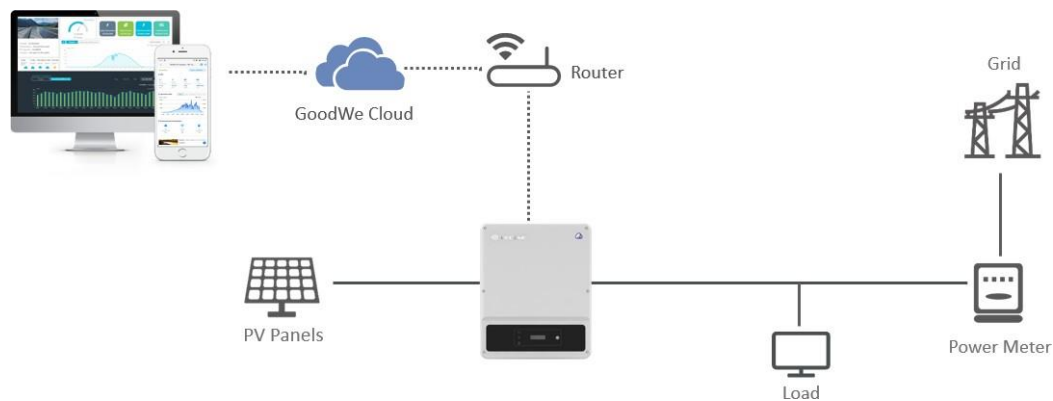


GoodWe HomeKit for Households with or without PV GOODWE YOUR SOLAR ENGINE

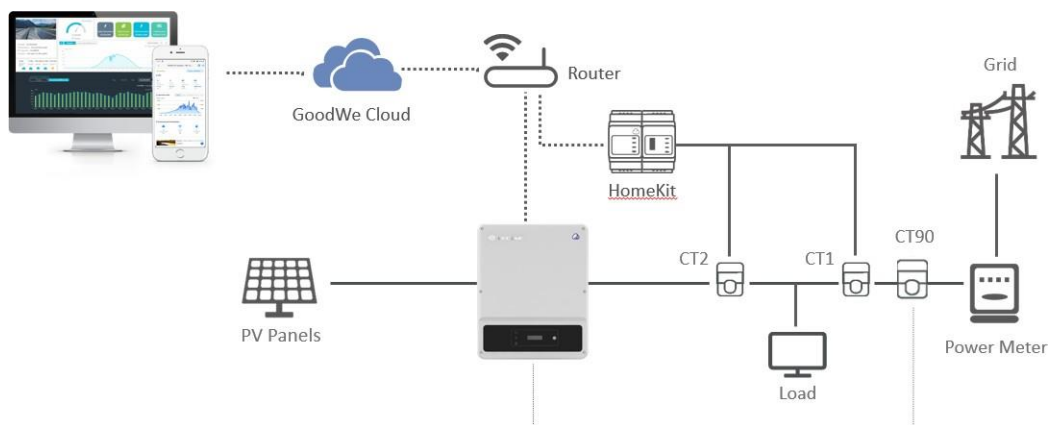
- the GoodWe HomeKit Solution can carry out consumption monitoring in real time, helping users to achieve a more detailed understanding of the electricity consumption at home and allowing also to evaluate the benefits of PV installation.
- the HomeKit has the ability to monitor weather conditions By connecting to temperature, irradiation and wind speed sensors. in real time. with SEMS the system can predict solar generation and analyze the solar system



Residential monitoring

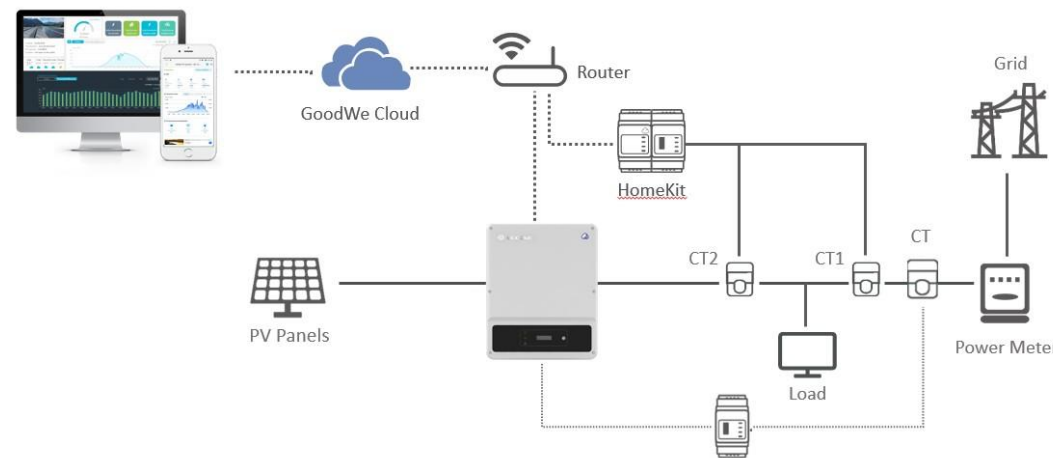


PV monitoring



PV + Load monitoring (HK) + Power limit (CT90)

PV + Load monitoring (Homekit)



PV + Load monitoring (HK) + Power limit (SmartMeter)

THANK YOU FOR YOUR TIME

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