# iHomeManager

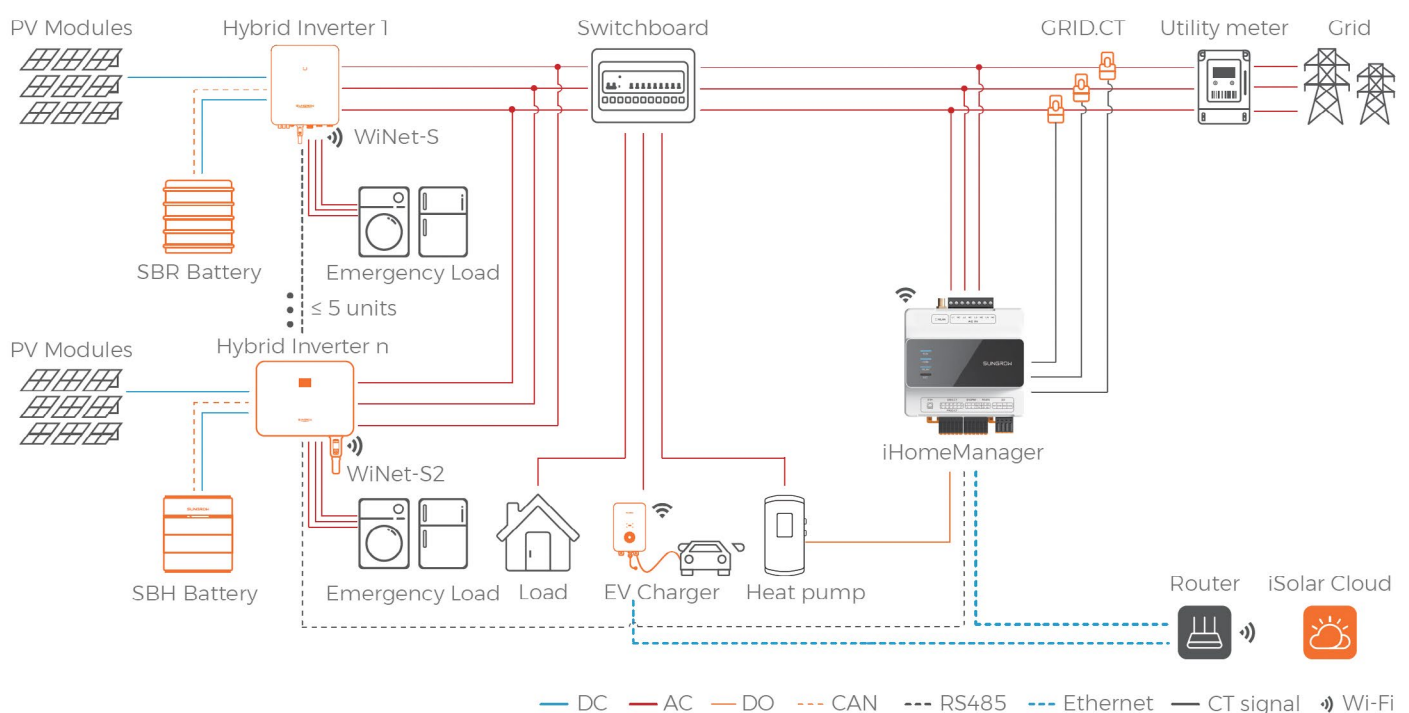## YOUR PARTNER FOR SMART COMMUNICATION

### INNOVATIVE ENERGY MANAGEMENT

The **iHomeManager** is designed to **simplify** and **enhance** your energy system. With support for both **wired** and **wireless** communication and a **built-in meter**, installation is seamless and hassle-free.
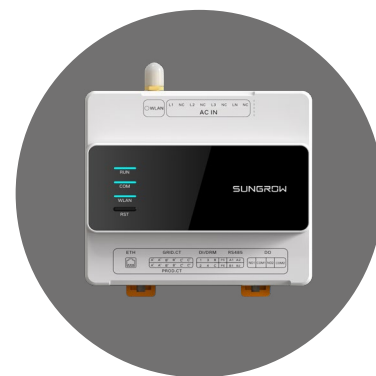
The device enables **effortless integration** of **multiple energy components,** including inverters, batteries, EV chargers, and heat pumps, creating a unified system. Equipped with intelligent energy management capabilities, it **optimizes self-consumption** and **reduces electricity costs**, providing a smarter and more efficient way to manage your energy needs.

**Intelligent Connectivity**

**System Integration**

**Smart Savings**

### How to connect iHM (both wireless and wired via Winet / RS485)



PV Modules · Hybrid Inverter 1 · Switchboard · GRID.CT · Utility meter · Grid · WiNet-S · SBR Battery · Emergency Load · ≤ 5 units · PV Modules · Hybrid Inverter n · WiNet-S2 · SBH Battery · Emergency Load · Load · EV Charger · Heat pump · iHomeManager · Router · iSolar Cloud

Legend: — DC — AC — DO --- CAN ··· RS485 --- Ethernet — CT signal ⋅)) Wi-Fi

# MORE
# ANSWERS

**1**

**Is the iHomeManager required to add Sungrow's 22 kW AC Charger to an existing solution with an SHxxT or SGxxRT?**

Yes, the iHomeManager is a manadatory component for ensuring Sungrow's 22 kW AC Charger is working with SHxxT or SGxxRT. It ensures the integration of the AC Charger with your energy management system, enabling seamless communication and optimal functionality.

**2**

**How does the iHomeManager setting look like?**

We have combined a variety of energy management modes for iHomeManager, including Self-Consumption, Time Plan, Intelligent Load, and more. These features empower customers to centralize and optimize their energy management seamlessly.

Please note that iHomeManager settings apply to the entire system. For proper installation, specific configurations on the inverter are also required. Further details will be provided.

**3**

**What is the maximum system configuration supported by the iHomeManager?**

It is possible to connect up to five inverters of the same phase (SHxxRT, SHxxT, SGxxRT) with a total maximum capacity of 50 kW, along with one Sungrow 22 kW AC Charger and one SG-ready heat pump.

**4**

**How can the AC Charger and Inverter be connected to the iHomeManager?**

The EV charger connects to the iHome Manager through your home router, using either WLAN (Wi-Fi) or Ethernet. Once connected, it is managed directly by the iHome Manager for optimal performance. While for Inverter it can be connected to the iHomeManager either via an RS485 cable or through WiNet using WLAN (Wi-Fi) or Ethernet.

**5**

**Is an additional meter required for the iHomeManager to work?**

No, there is no need for an additional meter. The iHomeManager has a built-in metering function, this means that an external meter is no longer required.

**6**

**Will the iHomeManager support Dynamic Tariff?**

The Dynamic Tariff function will be released soon.

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