

# GOODWE



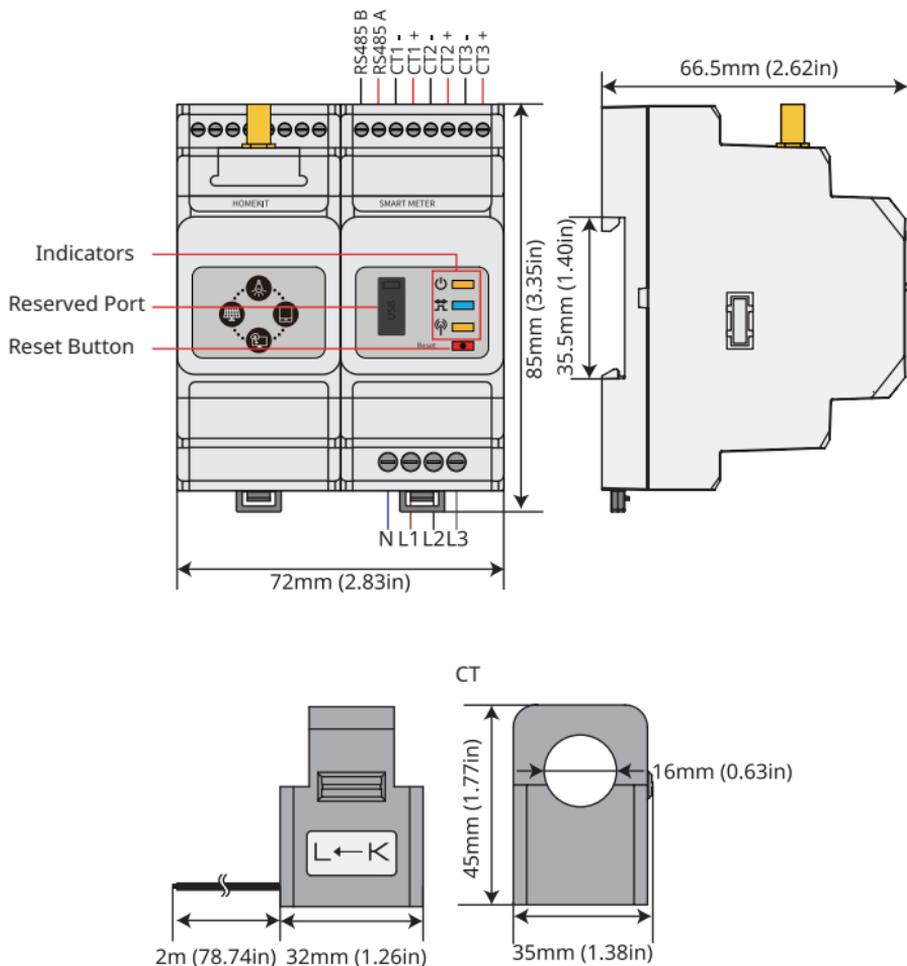
## Quick Installation Guide

### Smart Meter

(HK1000/HK3000)

V1.0-2022-01-25

## 01 Product Introduction



Note:  
CT1 - and CT1 + only for HK3000.

## 02 Installation

### Packing List



Smart Meter x 1



Screwdriver x 1



USB Plug x 1

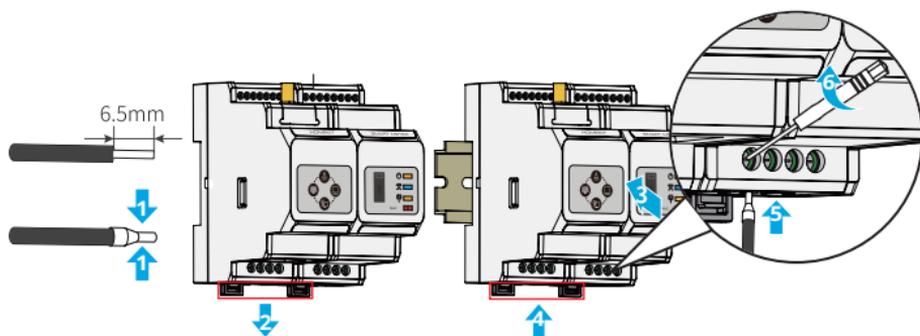


PIN terminal x 4



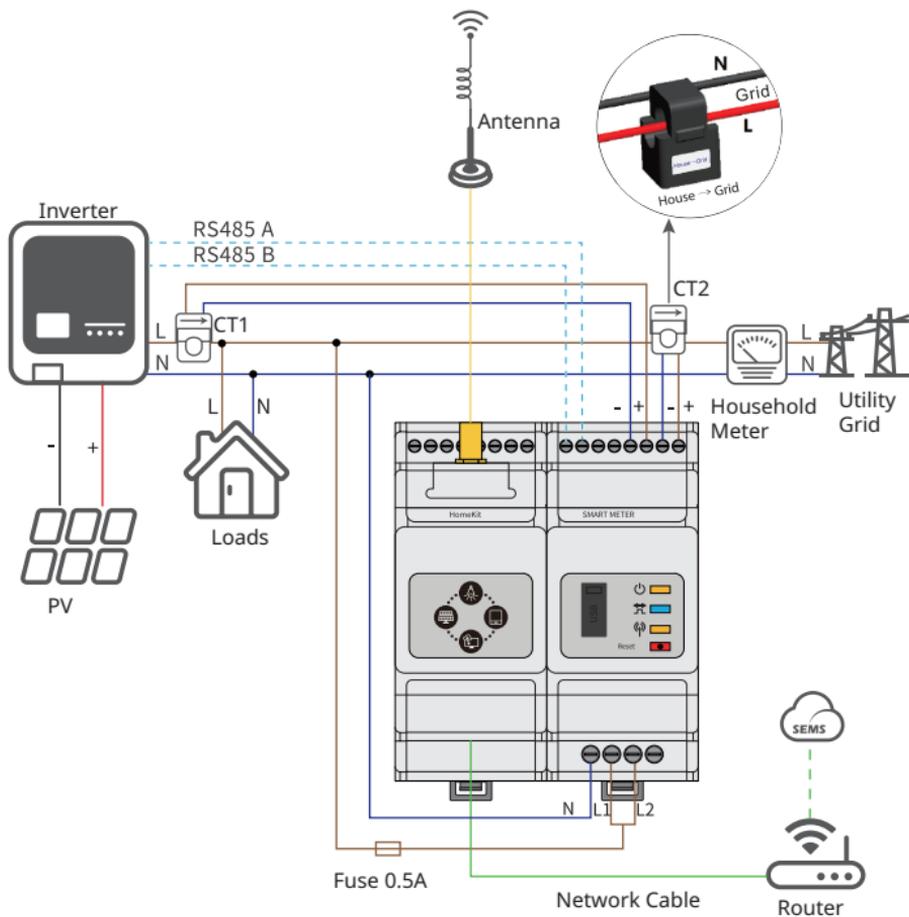
Antenna x 1

### Installation and Cable Connection

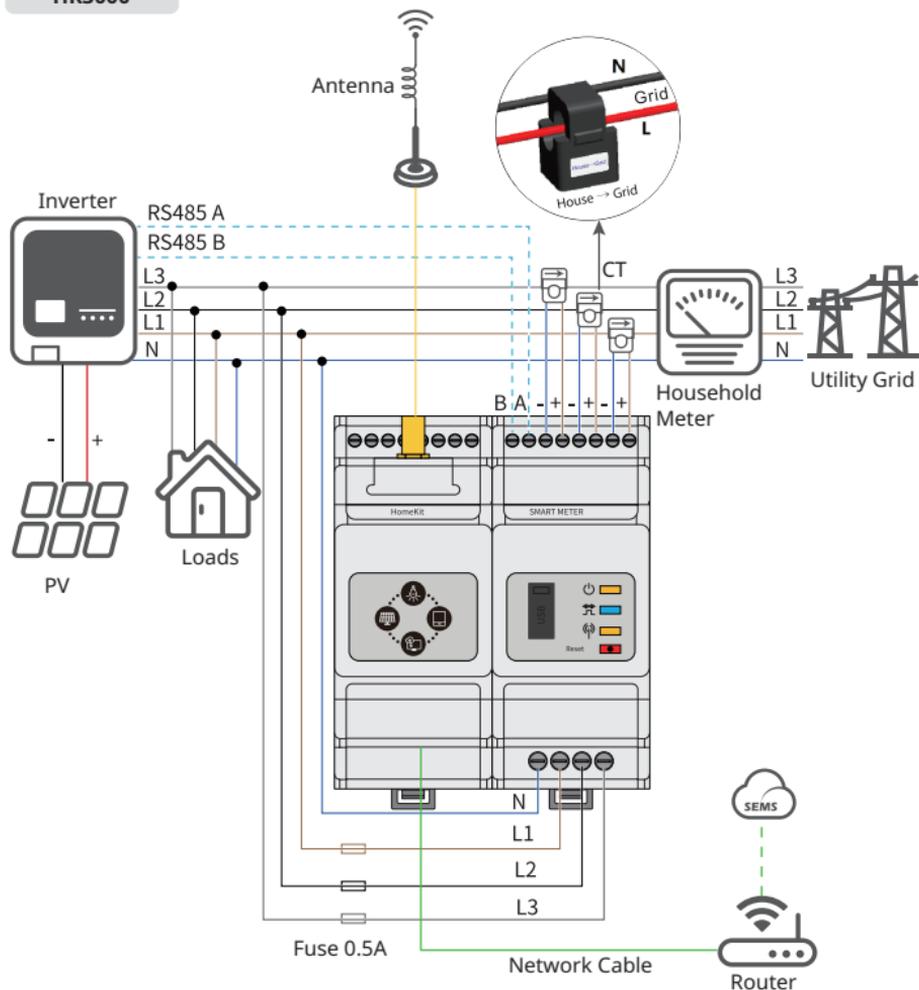


## 03 Wiring System

HK1000



- Recommended cable connected to the voltage input terminal: 1mm<sup>2</sup> (17AWG).
- Do not remove the short circuit wire between L1 and L2.
- CT direction: House (K)->Grid (L).

**HK3000**


- Recommended cable connected to the voltage input terminal: 1mm<sup>2</sup> (17AWG).
- CT direction: House (K)->Grid (L).

## 04 Commissioning

### Power ON

**Step 1** Connect the HomeKit cables.

**Step 2** Power on the inverter and make sure that the inverter is working normally. Then the HomeKit is powered on.

### Indicators

Indicator	Status	Description
	Steady on	Power on
	Off	Power off
	Steady on	Purchasing from the utility grid.
	Blinking	Selling to the utility grid. Or the communication between HomeKit and the inverter is normal.
	Off	No communication between HomeKit and the inverter.
	Single Blink	Communication between HomeKit and the inverter is normal.
	Double Blink	HomeKit is trying to connect to the router.
	Quadruple Blink	HomeKit is trying to connect to the server.
	Steady on	HomeKit has been connected to the server successfully.
	Off	Parameters for connecting HomeKit to the router or the server have not been set.

### Reset Button

Press Time	Description
1-3s	Reset the HomeKit communication module.
5s-10s	Reset HomeKit configurations.
>15s	Initialize HomeKit and clear the historical energy data.

## 05 Technical Parameters

Model		HK1000	HK3000
Application		Household Loads Monitoring+ARCB	
Voltage	Rated voltage	110V/230V	3x230V/400V
	Voltage Range	100V~240V	
	Frequency	50Hz/60Hz	
Current Input	Rated Current	CT in: 120A/40mA	CT in: 120A/40mA, 200A/66.7mA
	Current Range	0.48A~120A	0.48A~120A/200A
Self-Consumption		<5W	
Data Detection		Active Power/Reactive Power/Power Factor/Frequency	
Energy Calculation		Active/Reactive Power Energy	
Precision	Voltage/Current	Class I	
	Active Power	Class I	
	Reactive Power	Class II	
Communication		100M Ethernet	
		WiFi or LAN	
Interface		3 LED (Power, Energy Consumption, Communication), USB port, Reset button	
Mechanical	Size (Lmm x Wmm x Hmm)	36 x 85 x 66.5	-
	Weight	440g	-
	Protection Class	IP20 (For indoor use)	
	Installation Method	Mounting rack	
Operating Temperature		-25 ~ +60° C	
Operating Humidity		<95%, No condensation	
Altitude		<2000m	

## 06 EU Declaration of Conformity

The module sold in the European market meets the following directives and requirements:

- Electromagnetic compatibility Directive 2014/30/EU (EMC)
- Electrical Apparatus Low Voltage Directive 2014/35/EU (LVD)
- Restrictions of Hazardous Substances Directive 2011/65/EU and (EU) 2015/863 (RoHS)
- Waste Electrical and Electronic Equipment 2012/19/EU
- Registration, Evaluation, Authorization and Restriction of Chemicals (EC) No 1907/2006 (REACH)

You can download the EU Declaration of Conformity on <https://en.goodwe.com>.

For more detailed instructions, scan the QR codes below.



HomeKit Network  
Quick Configuration  
Guide



HK3000 Quick  
Installation  
Instruction



SolarGo App User  
Manual



SEMS Portal User  
Manual



Official Website

## GoodWe Technologies Co., Ltd.

---

 No. 90 Zijin Rd., New District, Suzhou, 215011, China

 [www.goodwe.com](http://www.goodwe.com)

 [service@goodwe.com](mailto:service@goodwe.com)



Local Contacts