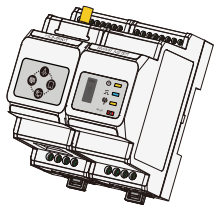
HK3000

Quick Installation Instruction



Ver 1.0
2021-04-06

01 Packing List

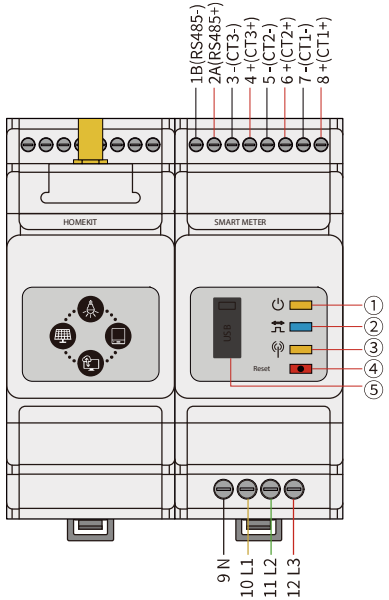
1 x HomeKit 3000 (HK3000)
1 x Screwdriver
1 x Quick Installation Instruction
1 x WiFi Antenna
4 x Wiring Terminal
3 x Current Transformer (120A/40mA or 200A/66.7-mA CT)
1 x USB Seal

02 Technical Data

Model		HK3000
Application		Household Loads Monitoring + ARCB
Voltage	Rated Voltage	3*230V/400V
	Voltage Range	AC 100V~240V
	Frequency	50Hz/60Hz
Current Input Range		0.04A~200A
Self-Consumption		< 5W
Communication		100M Ethernet
		WiFi
Interface		3 LEDs (Power, Energy Consumption, Communication), Reset Button
Operating Temperature		-25 ~ +60°C
Storage Temperatute		-30 ~ +70°C
Operating Humidity		< 95%; No Condensation
Altitude		< 2000m

03 Product Overview

HK3000 is designed as a three-phase meter with three-channel CTs to measure energy power at the grid point. Together with the measurement of inverter output, you can calculate the household load. Meanwhile, HK 3000 can upload the data to the cloud server in real time to conduct the measurement, statistics analysis and management of electric energy at different loads. The data cannot be taken as the basis and standard for electric charging by the grid power company.



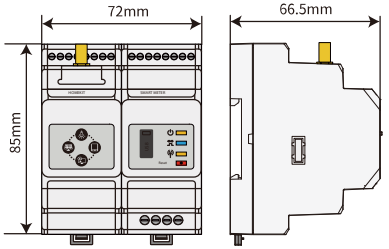
NO.	Part	Description
1	Power LED	Normal status: ON
2	Energy consumption LED	Consuming: ON
		Generating: Blinking
3	Communication LED	Blink once:detecting data transferring
		Blink 5 times: Reset successfully
4	Reset button	Press less than 3s: Meter Reset
		Press 5s more or less:Meter Settings Initialization
		Press more than 10s: Meter Initialize settings and Clear Energy Data
5	USB port	For after-sales maintenance.

04 Equipment Installation

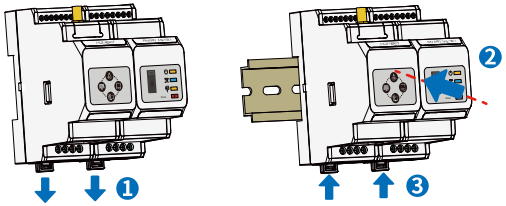
NOTE

- HK3000 should be installed on a rail and should not be installed outdoors.
- When operating the meter, use insulation tools and wear personal protective equipment to ensure personal safety.

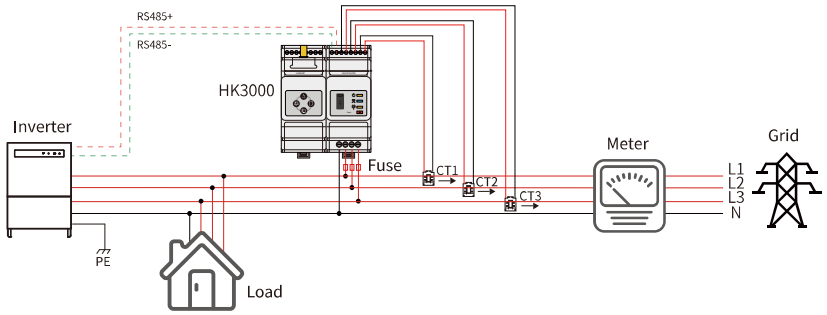
Dimensions



Installation



05 Cable Connections



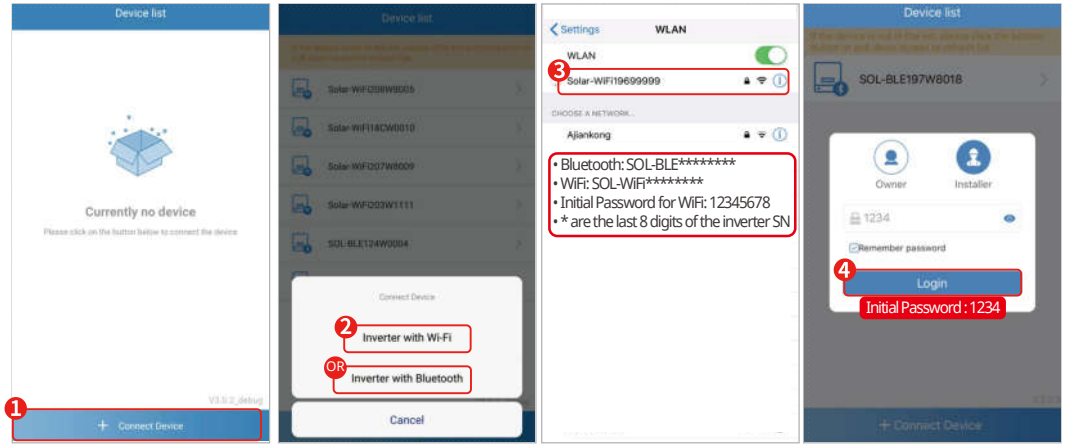
06 APP Configuration

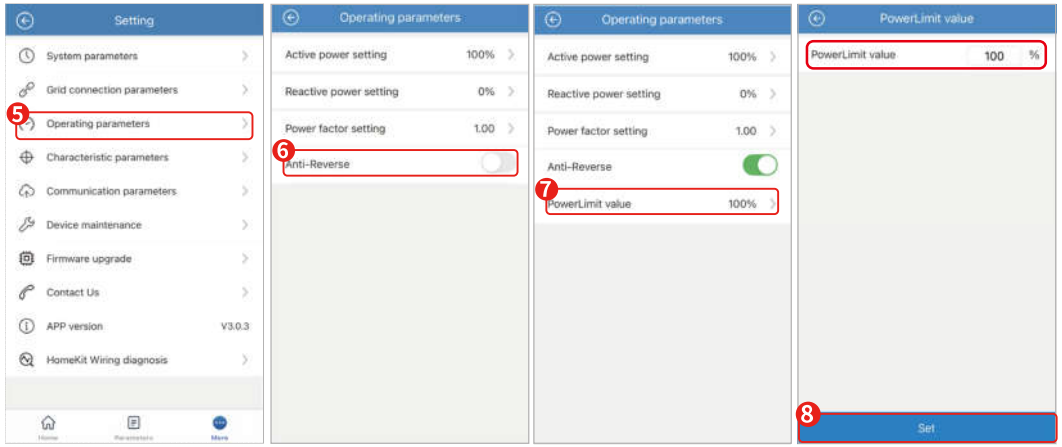
HK3000 Configuration via SolarGo APP

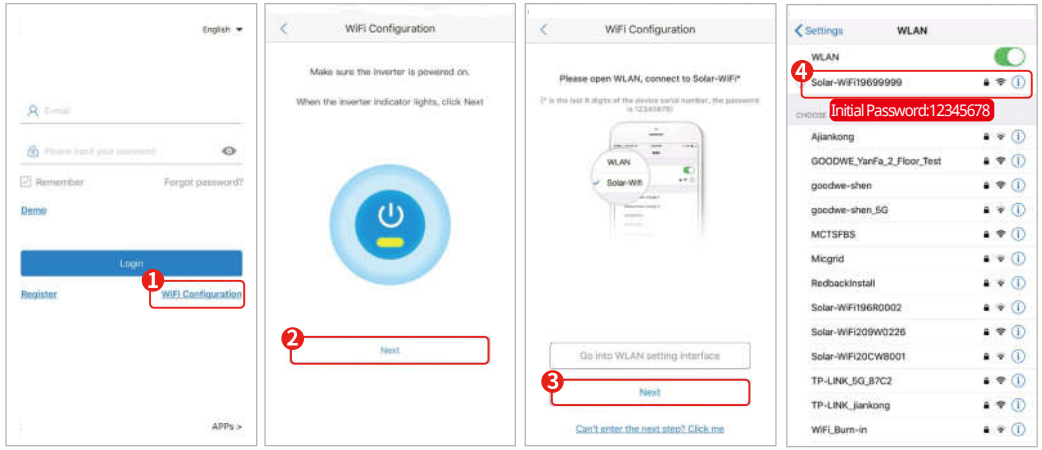
NOTE

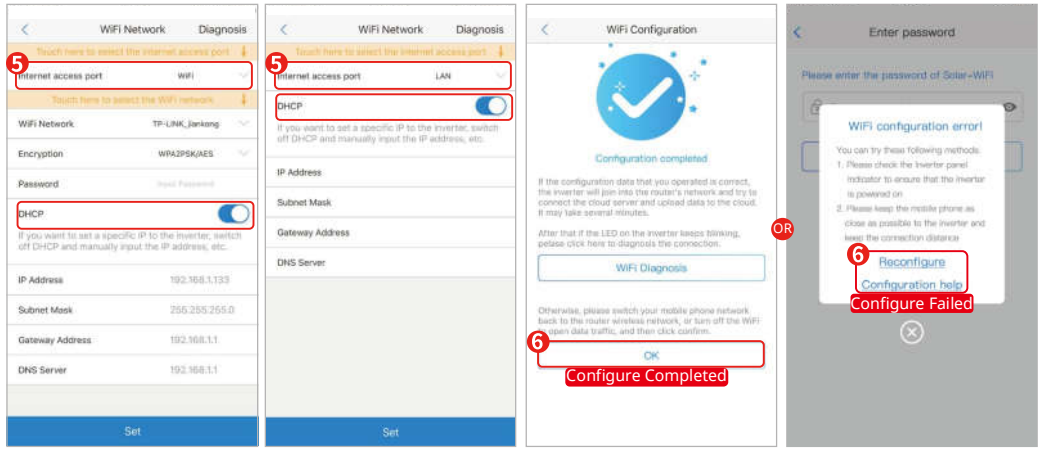
- Search in Google Play/App Store or scan the QR code to download SolarGo APP.
- Make sure the inverter is grid-tied.
- Establish communication between the inverter and SolarGo app via bluetooth module or WiFi module, and ensure that the communication between them is normal.

SolarGo APP









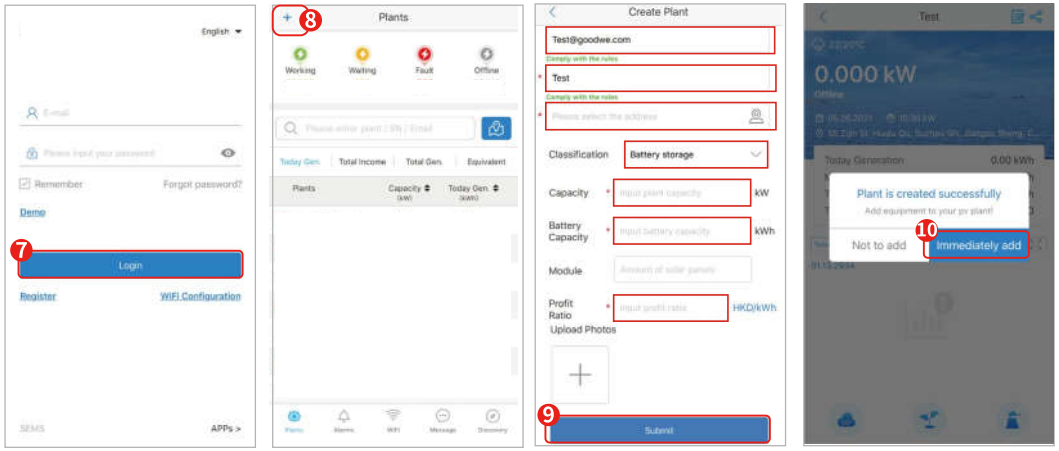
Select **WiFi** or **LAN** as **Internet Access Port**. Switch off DHCP and manually input the IP address if you want to set a specific static IP.

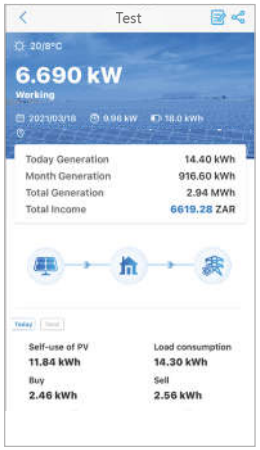
HK3000 Network Configuratin and Monitoring via SEMS Portal

NOTE

- Scan the QR code to download SEMS Portal APP.
- Connect HK3000 to the Ethernet properly via SEMS Portal.
- Log in using the initial password for the first time and change the password as soon as possible. To ensure the account security, you are advised to change the password periodically and keep the new password in mind.

SEMS Portal APP





JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO.,LTD
90 Zijin Road, High-tech Zone, Suzhou, China
T: +86 512 6239 6771
www.goodwe.com
service@goodwe.com