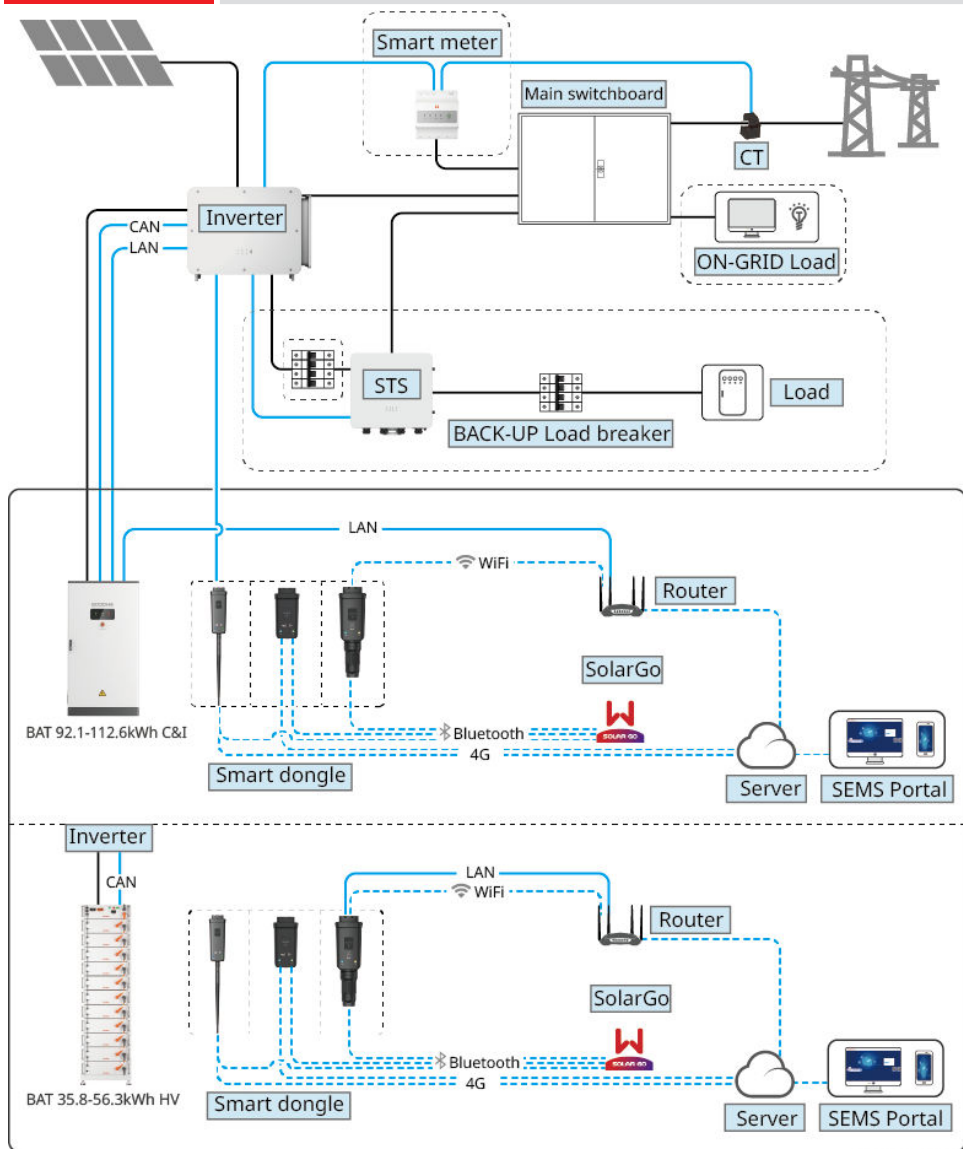


Warning

The information in this quick guide is subject to change due to product updates or other reasons. This guide cannot replace the product labels or the safety precautions in the user manual unless otherwise specified. All descriptions in the manual are for guidance only.

01 Networking

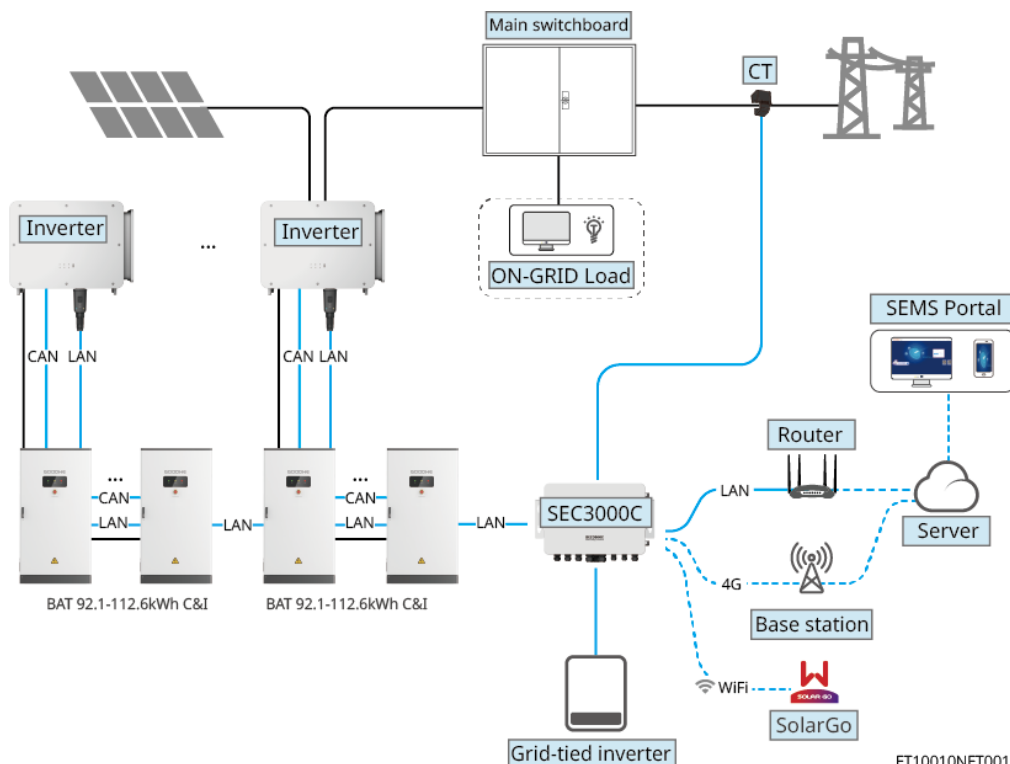
Single Inverter Grid-tied and Off-grid Scenario



ET10010NET0001

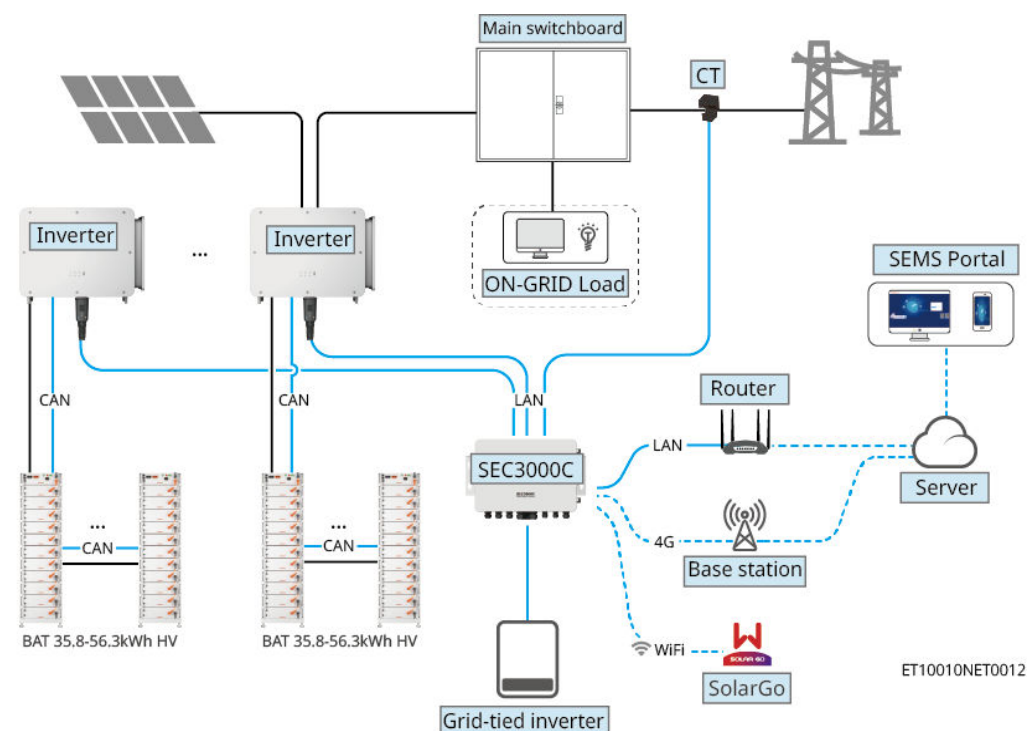
Multiple Inverters Pure Grid-tied Scenario

Type 1: Inverter paired with BAT 92.1-112.6kWh commercial and industrial battery system



ET10010NET0011

Type 2: Inverter paired with BAT 35.8-56.3kWh high-voltage battery system



Product	Model	Explanation
Inverter	GW50K-ET-L-G10 GW75K-ET-G10 GW80K-ET-G10 GW99.99K-ET-G10 GW100K-ET-G10	-
STS	GW125K-STG-G10	Applicable only to Scenario with off-grid application. If the energy storage system needs to use BACK-UP function, it needs to work with STS.

Product	Model	Explanation
Battery System	GW35.8-BAT-I-G10 GW40.9-BAT-I-G10 GW46.0-BAT-I-G10 GW51.2-BAT-I-G10 GW56.3-BAT-I-G10	- A maximum of 6 battery systems can be connected in parallel in a system. - The inverter has 2 pairs of battery input terminals. One battery system can be connected to the two inverter's battery terminals which are paralleled, or two battery system can be connected to two battery terminals independently. Each battery input terminals can connect up to 6 paralleled battery systems. - Battery systems of different models cannot be connected in parallel together.
	GW92.1-BAT-AC-G10 GW102.4-BAT-AC-G10 GW112.6-BAT-AC-G10	- The inverter has 2 pairs of battery input terminals. One battery system can be connected to the two inverter's battery terminals which are paralleled, or two battery system can be connected to two battery terminals independently. Each battery input terminals can connect up to 4 paralleled battery systems. - Battery systems of different models cannot be connected in parallel together.
Smart Energy Controller	SEC3000C	- Applicable to inverter paralleling application only - For SEC3000C related requirements, installation, wiring, and other information, please refer to SEC3000C User Manual
Smart meter	GM330	- Please use GM330 smart meter in inverter parallel scenario; In single inverter scenario, GM330 smart meters can be used. - GM330: Order the CT for GM330 from GoodWe or other suppliers. CT ratio: nA/5A. - nA: CT primary input current, n ranges from 200 to 5000. 5A: CT Secondary input current.
Smart dongle	4G Kit-G20 4G Kit-CN-G20 (China market only) - WiFi/LAN Kit-20	-

Steps	1 Installation	2 PE	3 PV	4 Battery	5 AC	6 COM	7 Communication module
Inverter							
Tools	 		 	 	 	 	

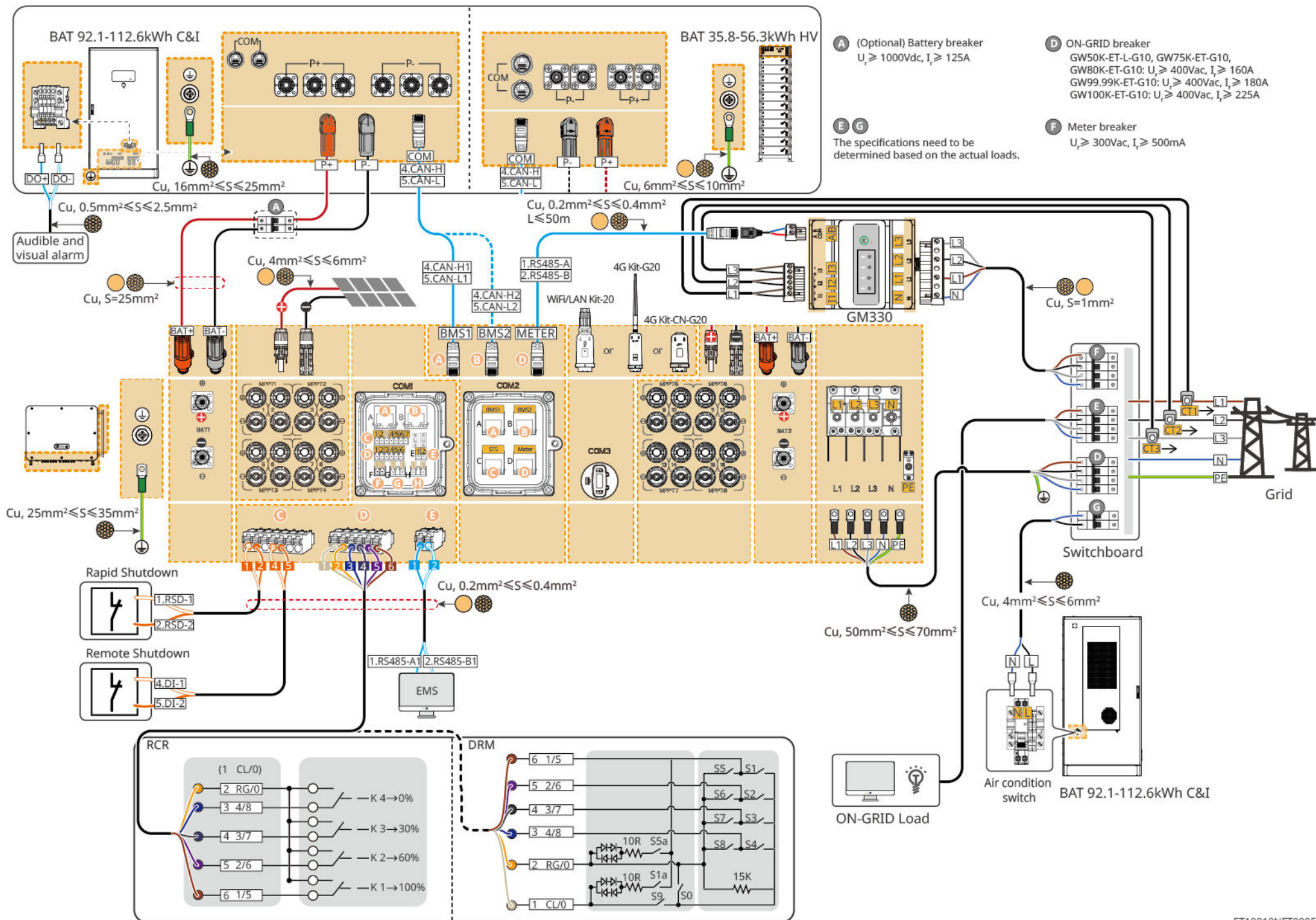
Steps	1 Installation	2 PE	3 Battery	4 COM	5 Air-conditioner wiring
Battery BAT 92.1-112.6kWh C&I					
Tools	 		 	 	

Steps	1 Installation	2 PE	3 Battery	4 COM
Battery BAT 35.8-56.3kWh HV				
Tools	 		 	

Steps	1 Installation	2 PE	3 AC	4 CT	5 COM	6 ETH	7 4G	8 DO/DI/AI/PT
Controller SEC3000C								
Tools	A B D: 70mm Φ: 15mm A M12 42N·m B C M10 24N·m	M5 1.5-2N·m	3 M7 2-2.5N·m	0.5N·m				M2 0.5N·m

Steps	1 Installation	2 PE	3 AC	4 COM	Steps	1 Installation	2 Cable Connections	3 Power	4 Commissioning
STS					Smart meter GM330				
Tools	D: 60mm Φ: 8mm	M8 5-8N·m	1 M8 5-8N·m 2 M10 6-8N·m 3 44mm 7-7.5N·m				1.2-2N·m	AC breaker	SolarGo APP SEMS Portal APP or SEMS Portal WEB

ET10010INT0006



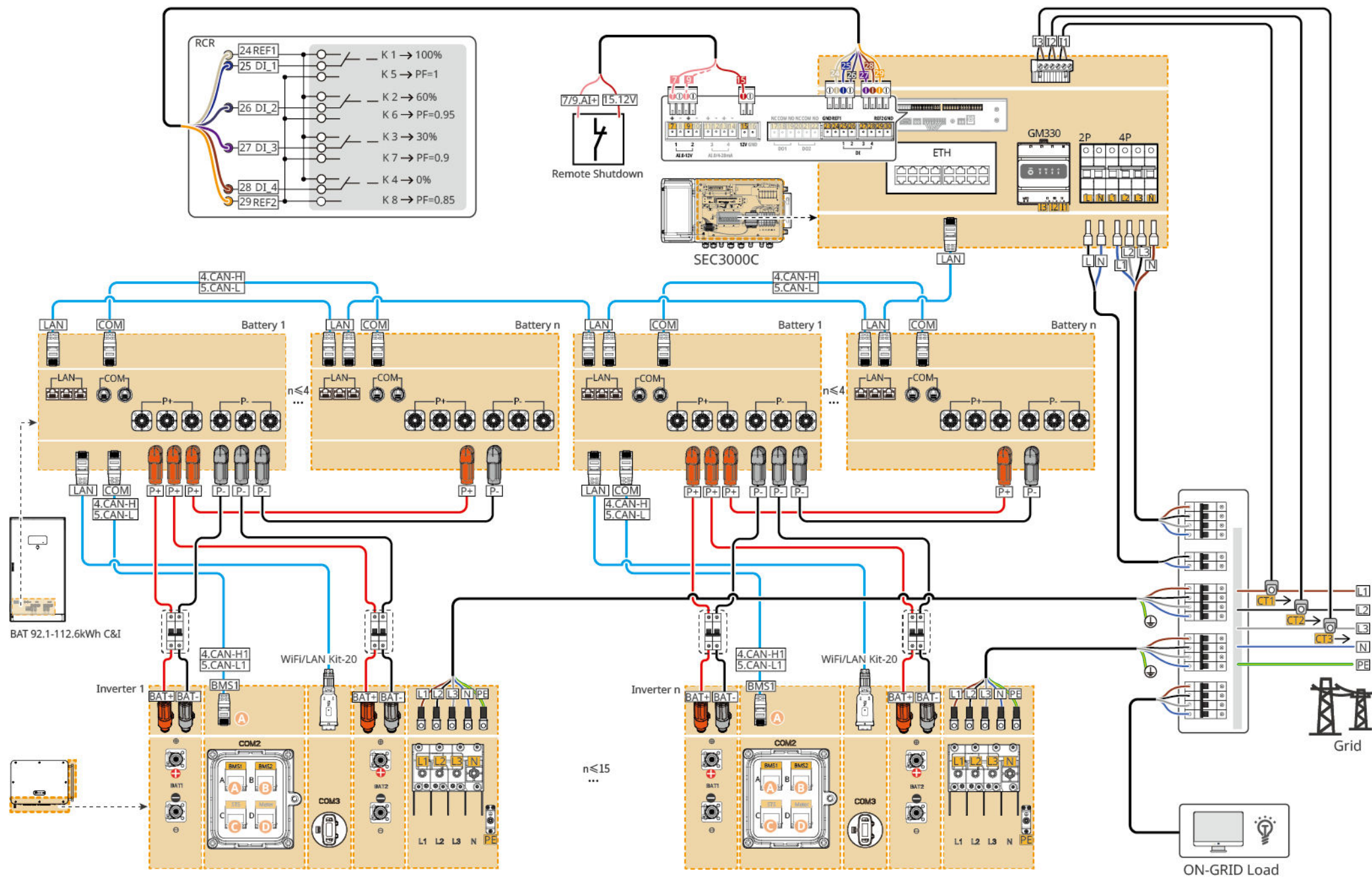
Single Inverter with BACK-UP Function (Inverter+ GM330+ Battery + Smart Dongle) (Partial Back-up)



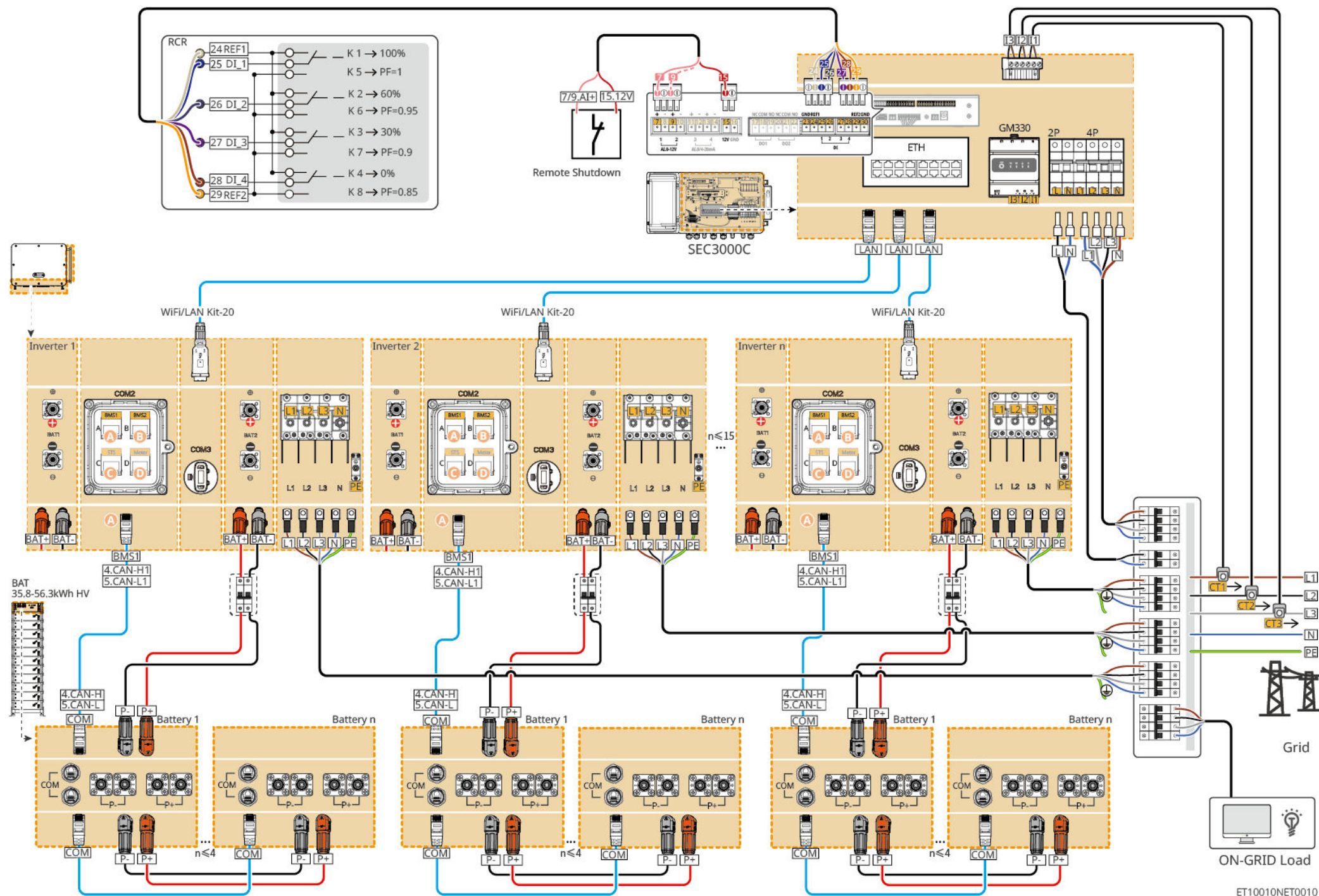
Single Inverter with BACK-UP Function (Inverter+ GM330+ Battery + Smart Dongle) (Whole Home BACK-UP)

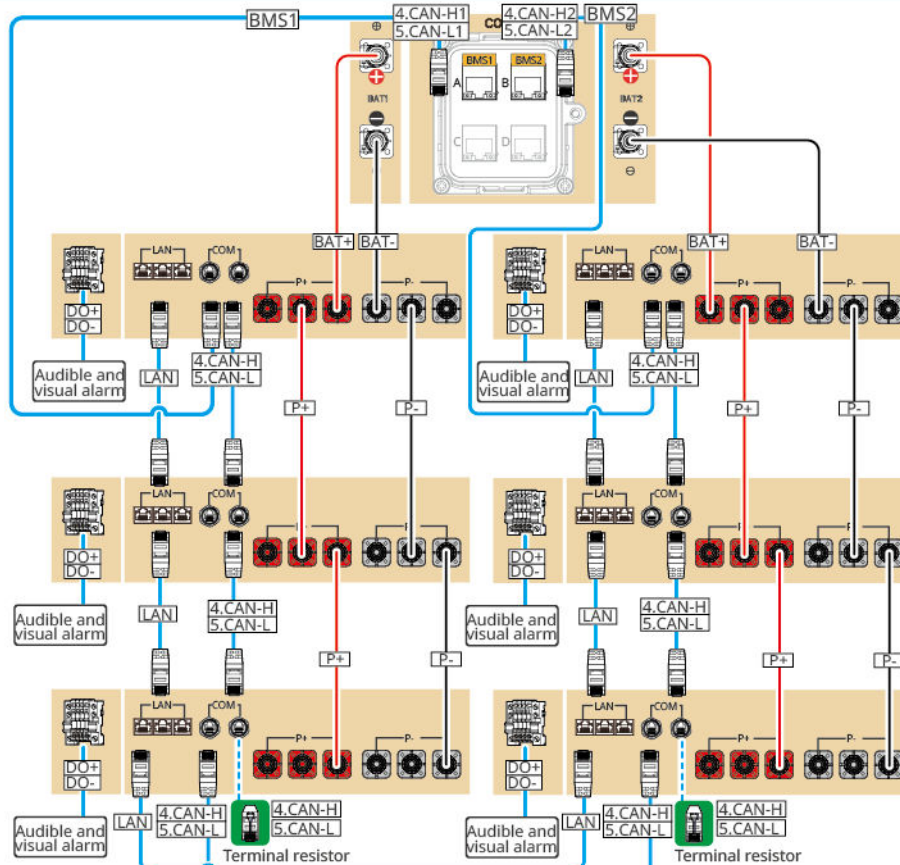
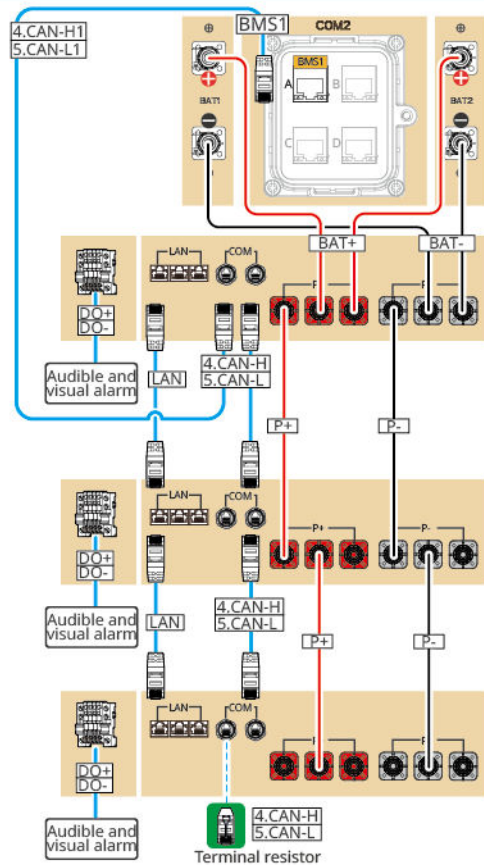
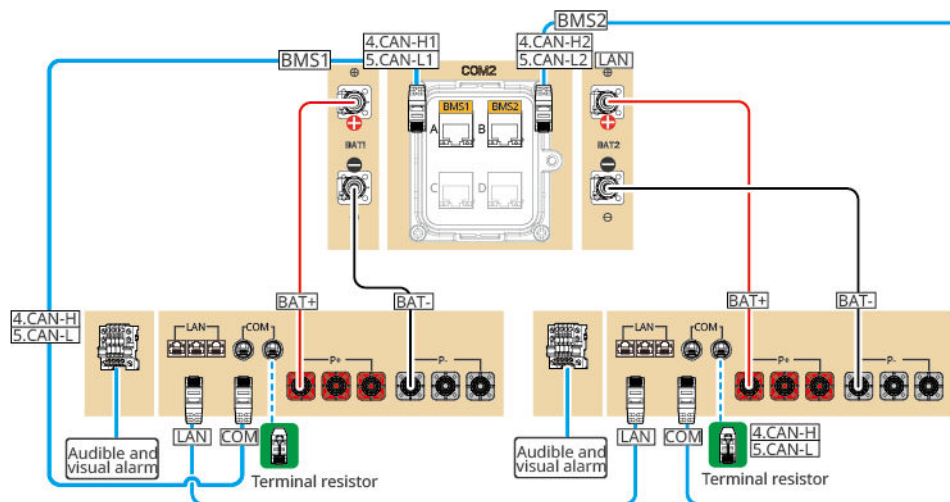
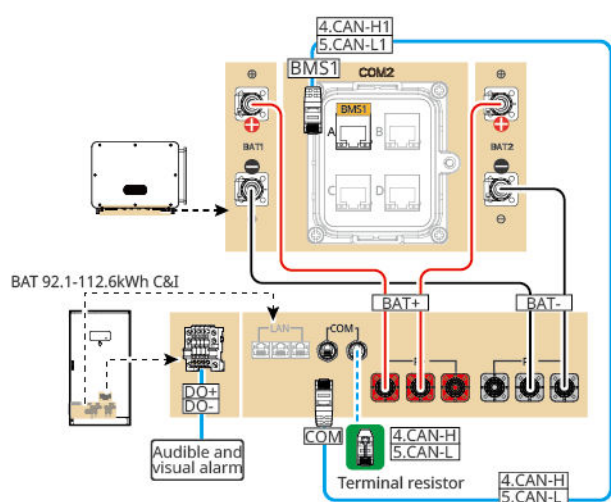


Inverter Paralleling (Inverter+ GM330+ Battery BAT 92.1-112.6kWh C&I+SEC3000C)
battery system+ Smart Dongle) (Whole Home BACK-UP)



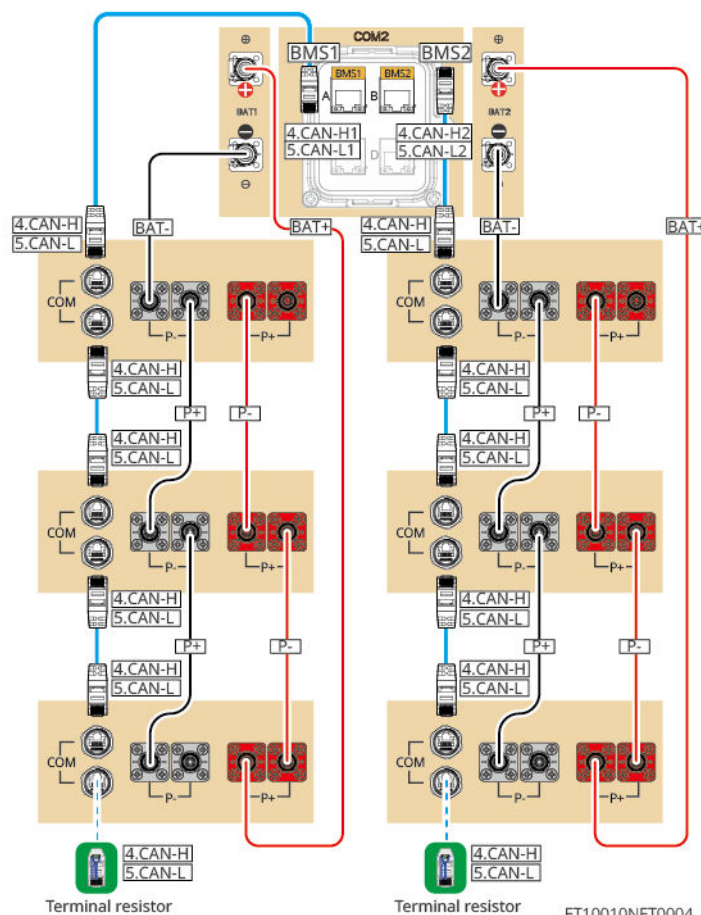
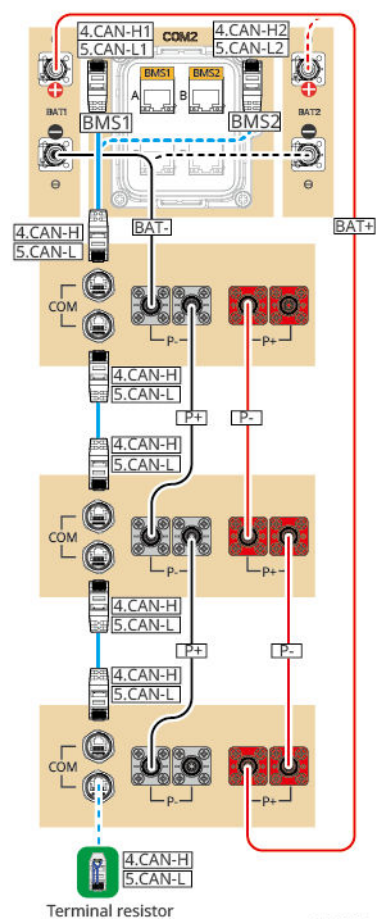
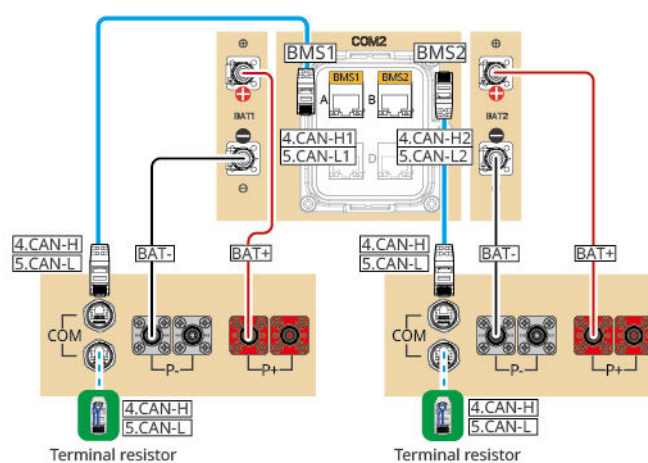
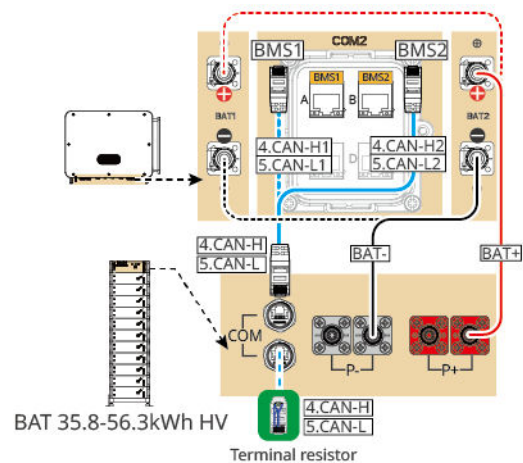
Inverter Paralleling (Inverter+ GM330+ BAT 35.8-56.3kWh HV+SEC3000C)
battery system+ Smart Dongle) (Whole Home BACK-UP)





CAT 5E and higher categories

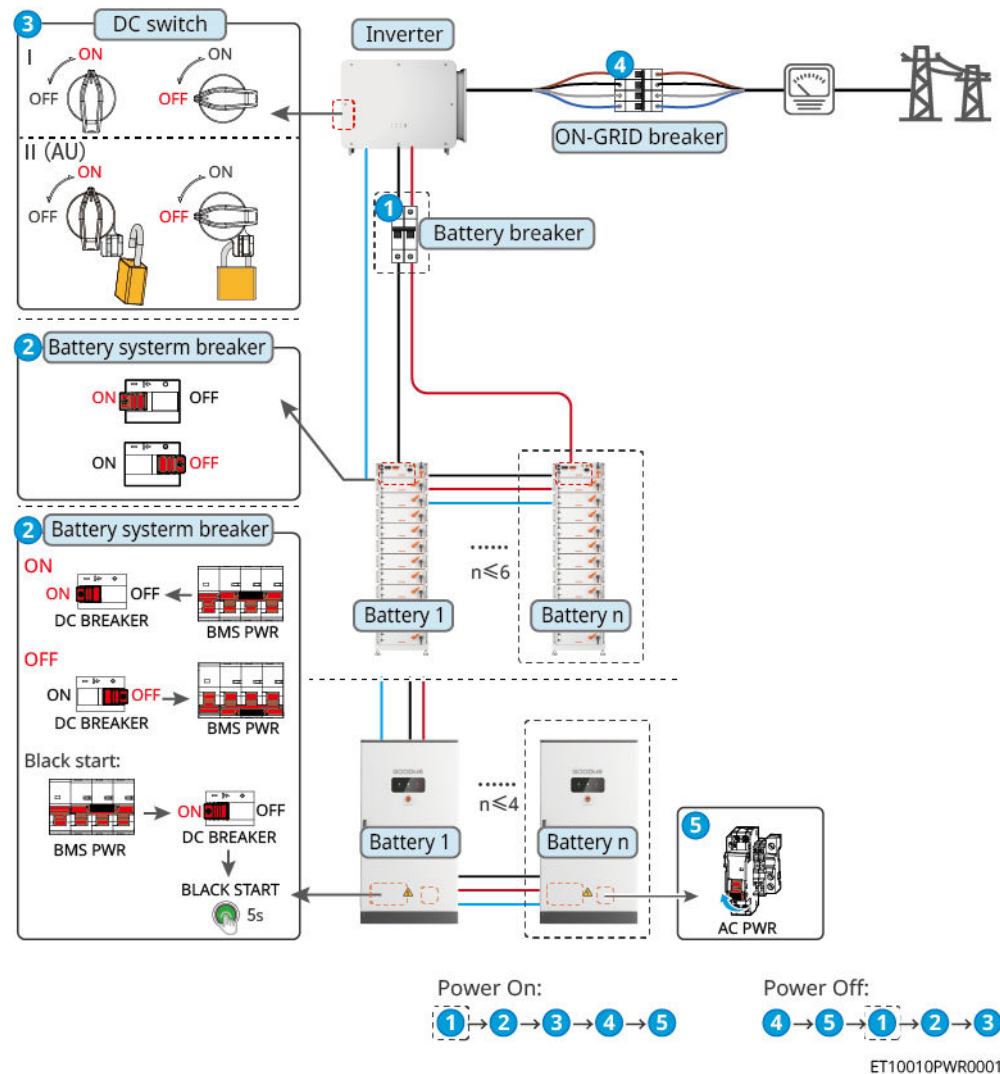
ET10010NET0003



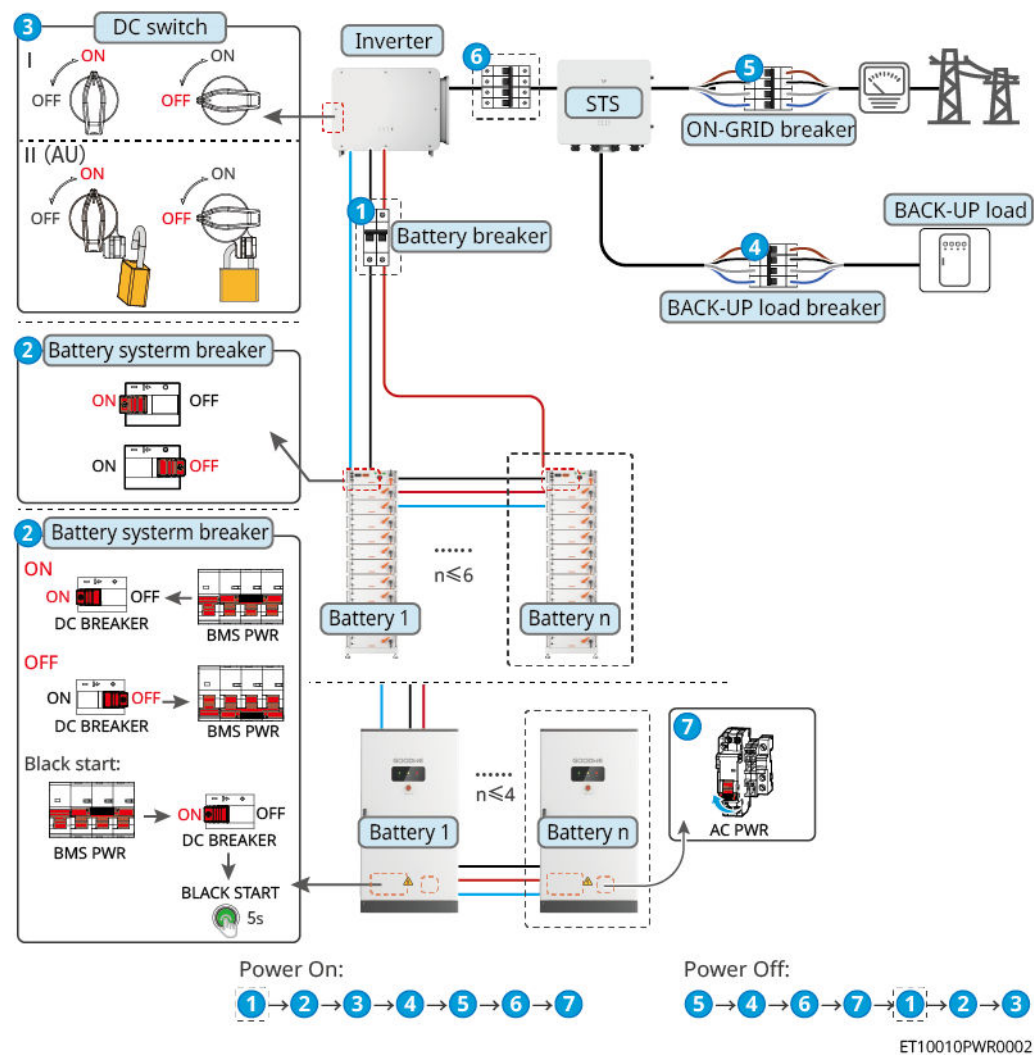
CAT 5E and higher categories

ET10010NET0004

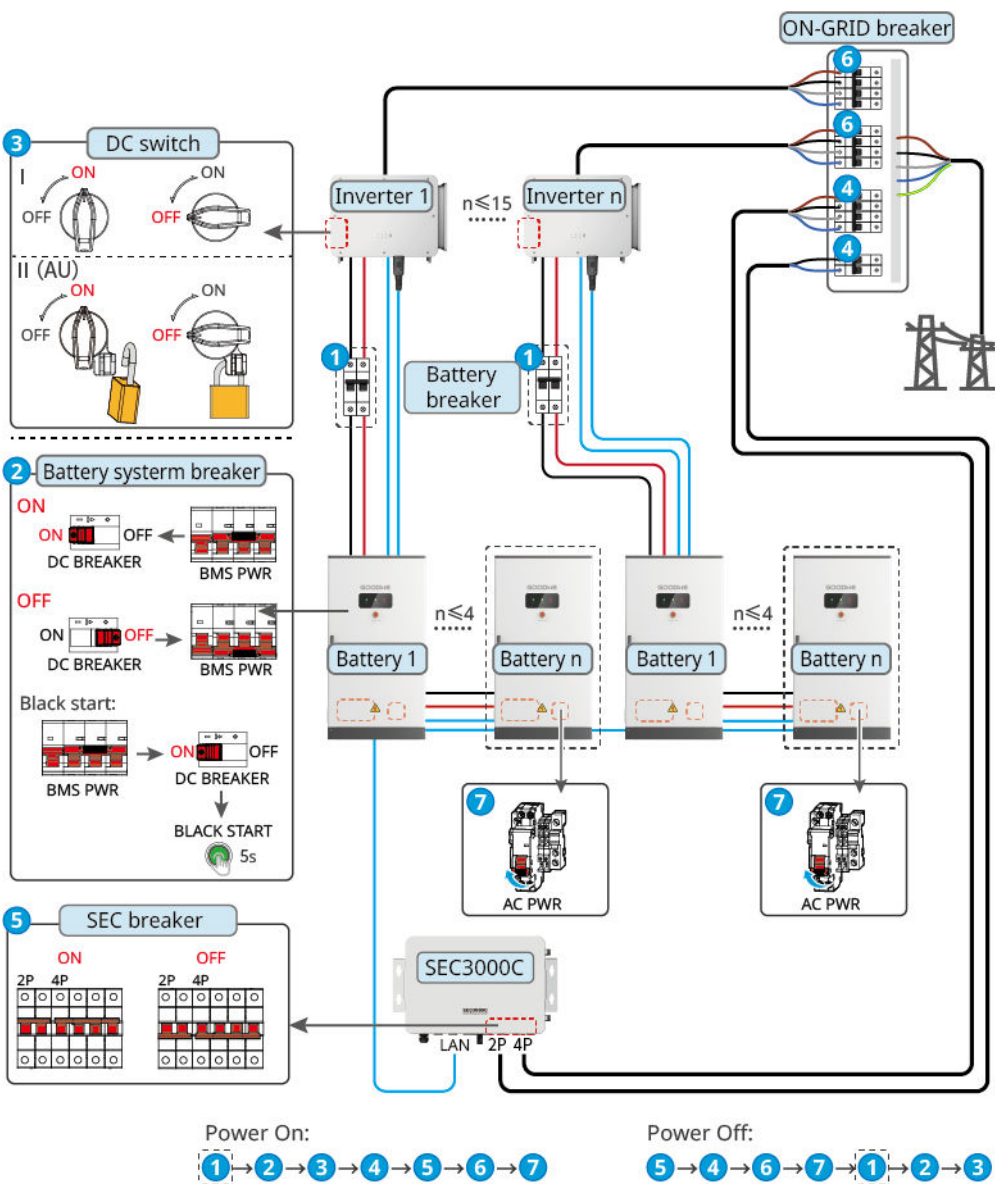
Single Inverter without Off-Grid Application



Single Inverter with Off-Grid Application

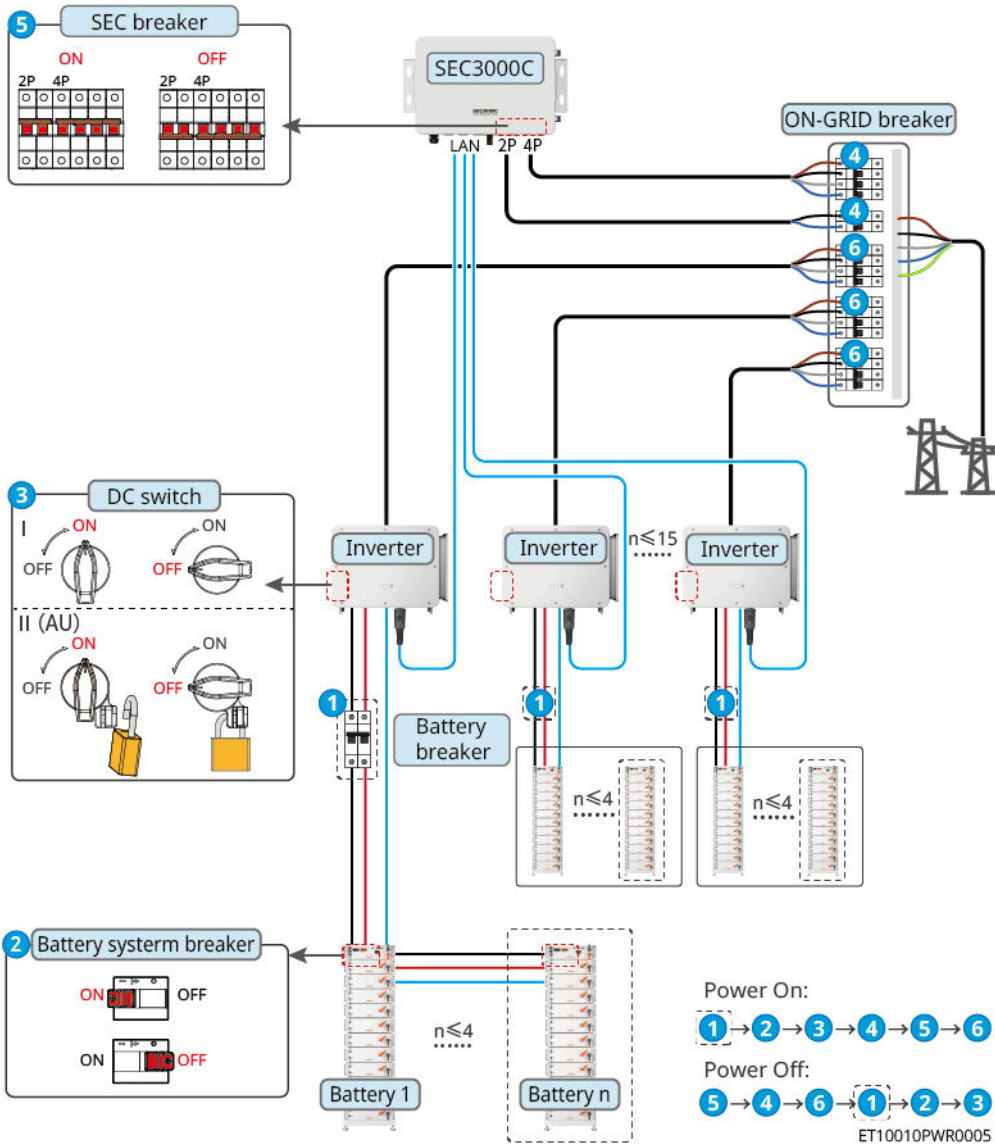


Inverter Paralleling Paired with BAT 92.1-112.6 kWh C&I



ET10010PWR0004

Inverter Paralleling Paired with BAT 25.6-56.3 kWh High Voltage Battery System



ET10010PWR0005



SolarGo APP



SEMS+ App

Download and open the app, then follow the on-screen instructions to connect to the inverter signal.

Quick Settings

Method I: Tap **Home** > **Settings** > **Quick Settings** to complete quick settings step by step.

Installer password: goodwe2010

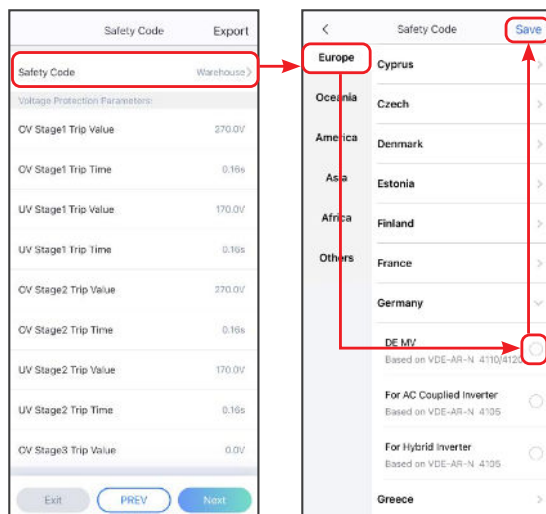
Method II: Using LCD screen to finish quick settings. Click on the screen or use buttons to operate.

> **Quick Setting**, follow the prompts to complete inverter settings.

Advanced function page initial password:1111

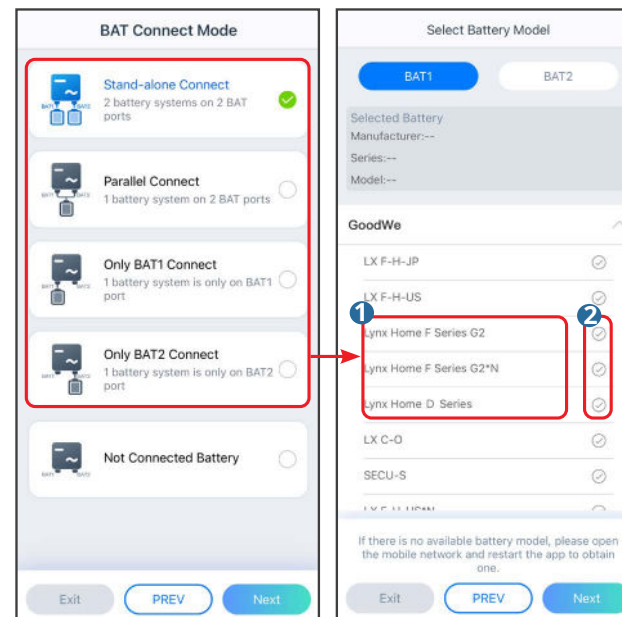
Setting Safety Code

Setting safety code via SolarGo APP



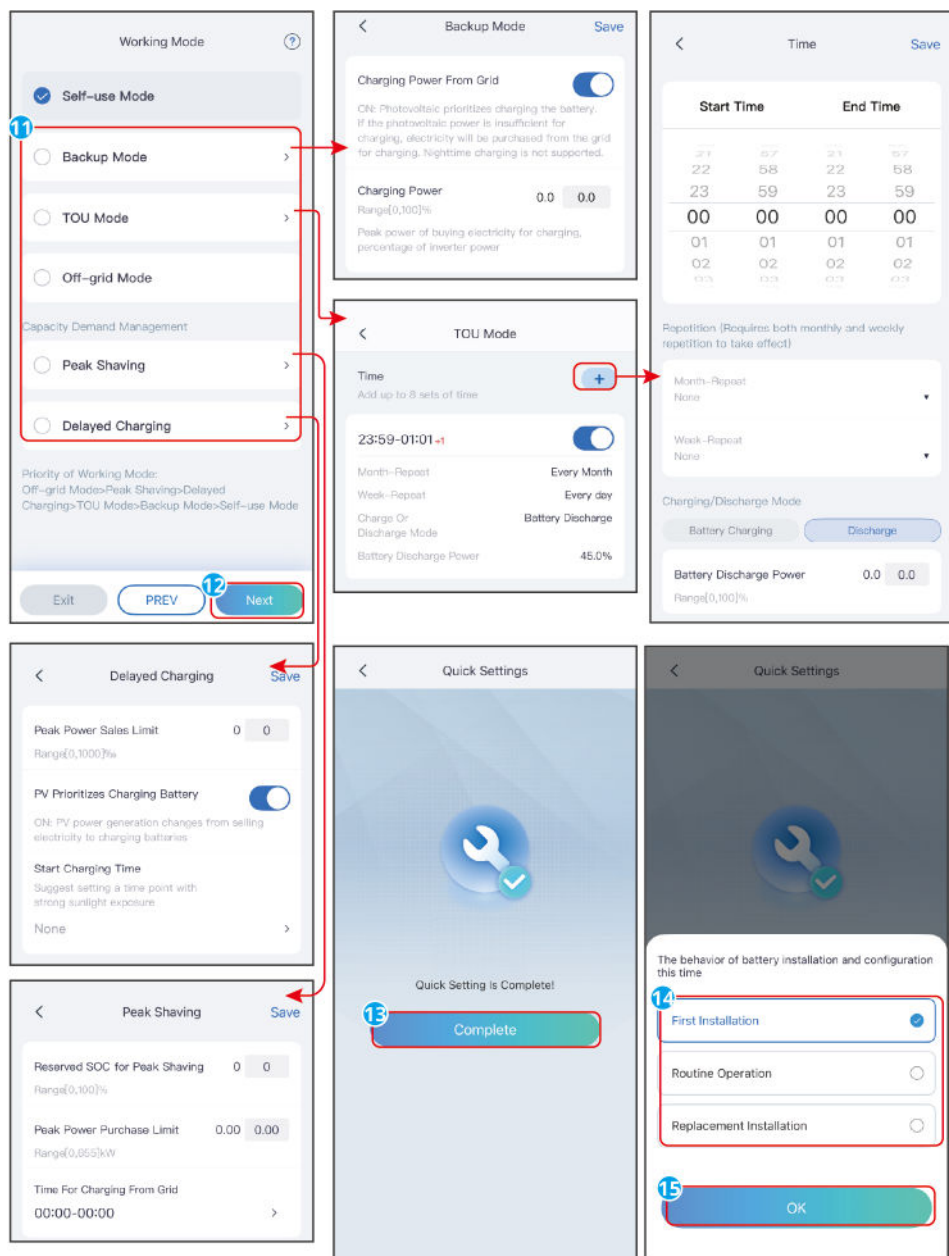
Setting the BAT Connect Mode

Setting the BAT Connect Mode via SolarGo APP



Setting the Working Mode

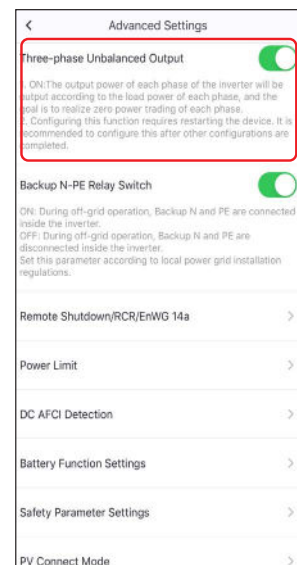
Setting working mode via SolarGo APP



SLG00CON0060

Tap **Home** > **Settings** > **Advanced Settings** to set the following functions.

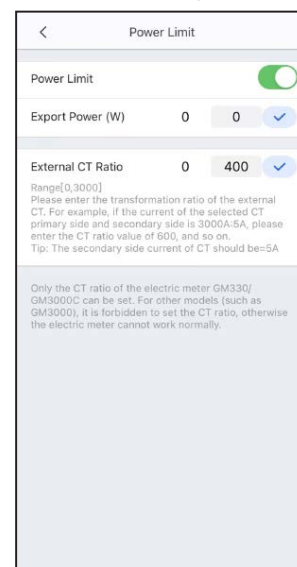
Three-phase Unbalanced Output Function (Optional)



Enable **Three-phase Unbalanced Output** when the utility grid company adopts phase separate billing.

Setting the Power Limit Function

Setting Power Limit via SolarGo APP

Tap **Home** > **Settings** > **Advanced Settings** to set the following functions.

Configuring the Network

Tap the SolarGo APP, tap **Home > Settings > Communication Settings > WLAN/LAN** to set network parameters.

WiFi/LAN Kit-20

<

Network Settings

Save

WLAN

Network Name

GOODWE-yanfa-test

▼

Encryption Type

WPA2/WPA

▼

Password

🔑

DHCP

If you need to set a specific IP address, you can manually enter it after turning off DHCP.

IP address

192.168.209.206

Subnet Mask

255.255.255.0

Gateway address

192.168.209.254

DNS server

192.168.181.167

LAN

DHCP

If you need to set a specific IP address, you can manually enter it after turning off DHCP.

IP address

0.0.0.0

Subnet Mask

0.0.0.0

Gateway address

0.0.0.0

DNS server

0.0.0.0

Restore factory communication settings

Creating a Power Plant

Create power plants and add equipments via SEMS + app.

SFMS0011

The image displays three screenshots of the ONP Manager mobile application interface, illustrating the steps to add a new plant.

Screenshot 1 (Left): The 'Generation Today' screen. It shows a large display of '20.30 kWh' and a cloud icon. Below, there's a 'Total Installed Capacity' of '276.25 kWp'. A donut chart indicates '9 Plants'. At the bottom, there's a '+ Generation' button (labeled 2) and a bottom navigation bar with a 'Home' icon (labeled 1).

Screenshot 2 (Middle): The 'Enter Plant Name/Worker ID/Email address' screen. It features a search bar and a list of plants. Each plant entry includes a name (e.g., 'DEMO'), capacity (e.g., '3.00 kWp'), and status (e.g., 'Running', 'Waiting', 'Offline', 'Fault'). At the bottom, there's a '+ Generation' button (labeled 2) and a bottom navigation bar with a 'Home' icon (labeled 1).

Screenshot 3 (Right): The 'Services' screen. It displays various service options: 'Warranty', 'Report Center', 'GoodWe News', 'Announcements', and 'Community'. At the bottom, there's a '+ Generation' button (labeled 2) and a bottom navigation bar with a 'Home' icon (labeled 1).

Create Plant

Owner's email address
Enter owner's email address

Plant Name*
Select your plant name

Plant Address*
Select your plant address

Plant Time Zone*
Select your plant time zone

Detailed Plant Address
Enter your detailed address

Plant Category*
Select your plant category

Currency*
USD

Plant Capacity*
Enter your plant capacity kWp

Modules
Enter the number of solar panels

Rate of conversion*
0.22 GWP/kWh

Plant Profile Photo
Add Photo

Save & Continue
Save & Exit

+ Add More

Device SN
Enter or scan your device SN

Device Name
Enter or scan your device name

Check Code
Enter the scanned check code

Done

Plant Profile

Filter Plant Name/Power SN/Email/Status

11 All	7 Running	0 Warning	0 Offline
Device Filter ↑ Be Default			
DEMO	3.00 kWp	--	
DEMO	3.00 kWp	--	
DEMO	33.00 kWp	--	★
DEMO	3.96 kWp	--	★
DEMO	3.69 kWp	3.02 kWp	+
DEMO	33.00 kWp	5.23 kWp	

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