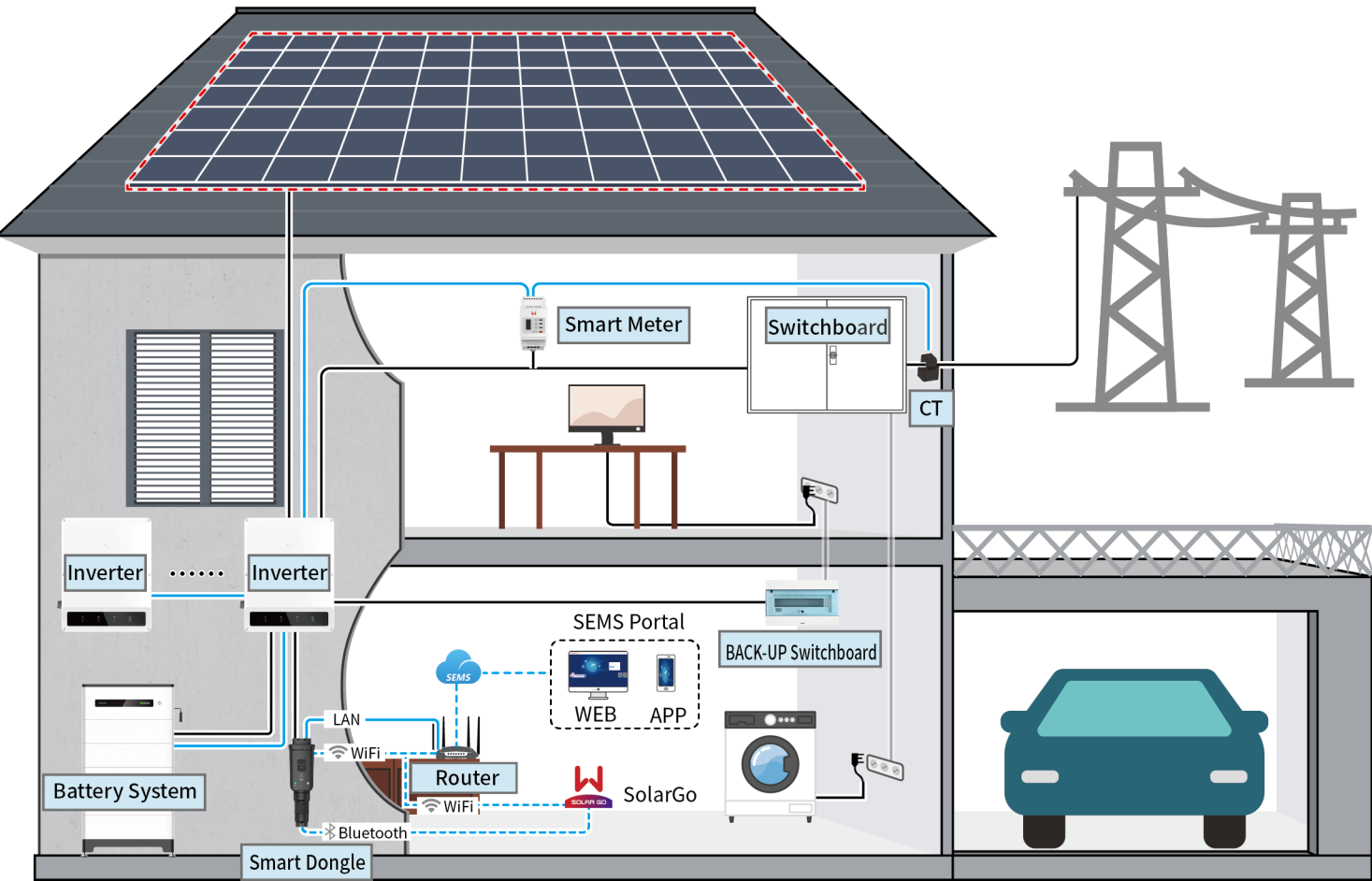


⚠ WARNING

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

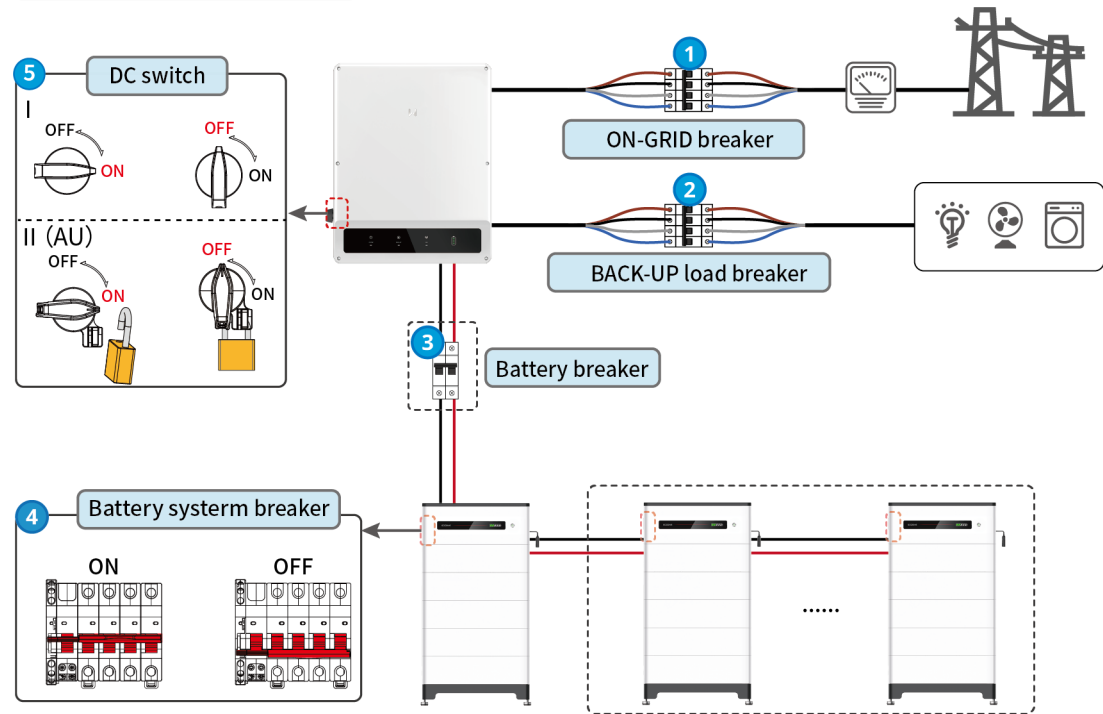


Device	Model		Description
Inverter	GW15K-ET GW20K-ET GW25K-ET GW29.9K-ET GW30K-ET		A maximum of 4 inverters can be connected in a parallel system. Inverter firmware requirements for parallel connections: • Consistent firmware version • ARM version: 08(401) or above • DSP version: 07(7068) or above
	Lynx Home F (G2) LX F12.8-H-P20 LX F16.0-H-P20 LX F19.2-H-P20 LX F22.4-H-P20 LX F25.6-H-P20 LX F28.8-H-P20	Lynx Home F (G1, G1 Plus+) LX F6.6-H LX F9.8-H LX F13.1-H LX F16.4-H	
Smart Me-ter	• GM3000 • GM330		• GM3000: GM3000 and the CT, which cannot be replaced, are included in the inverter package. CT ratio: 120A/40mA. • CM330: 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.

Device	Model	Description
Commu-nication Module	- WiFi/LAN Kit-20 - Wi-Fi Kit - Ezlink3000	- Use WiFi/LAN Kit-20 or Wi-Fi kit for a single inverter. Upgrade the firmware of the inverter before replacing the Wi-Fi kit with a WiFi/LAN Kit-20 dongle. - In parallel scenarios, the EzLink 3000 must be connected to the master inverter. Do not connect any communication module to the slave inverters. The firmware version of EzLink should be 04 or above.

02 Power On/Off

Single Inverter

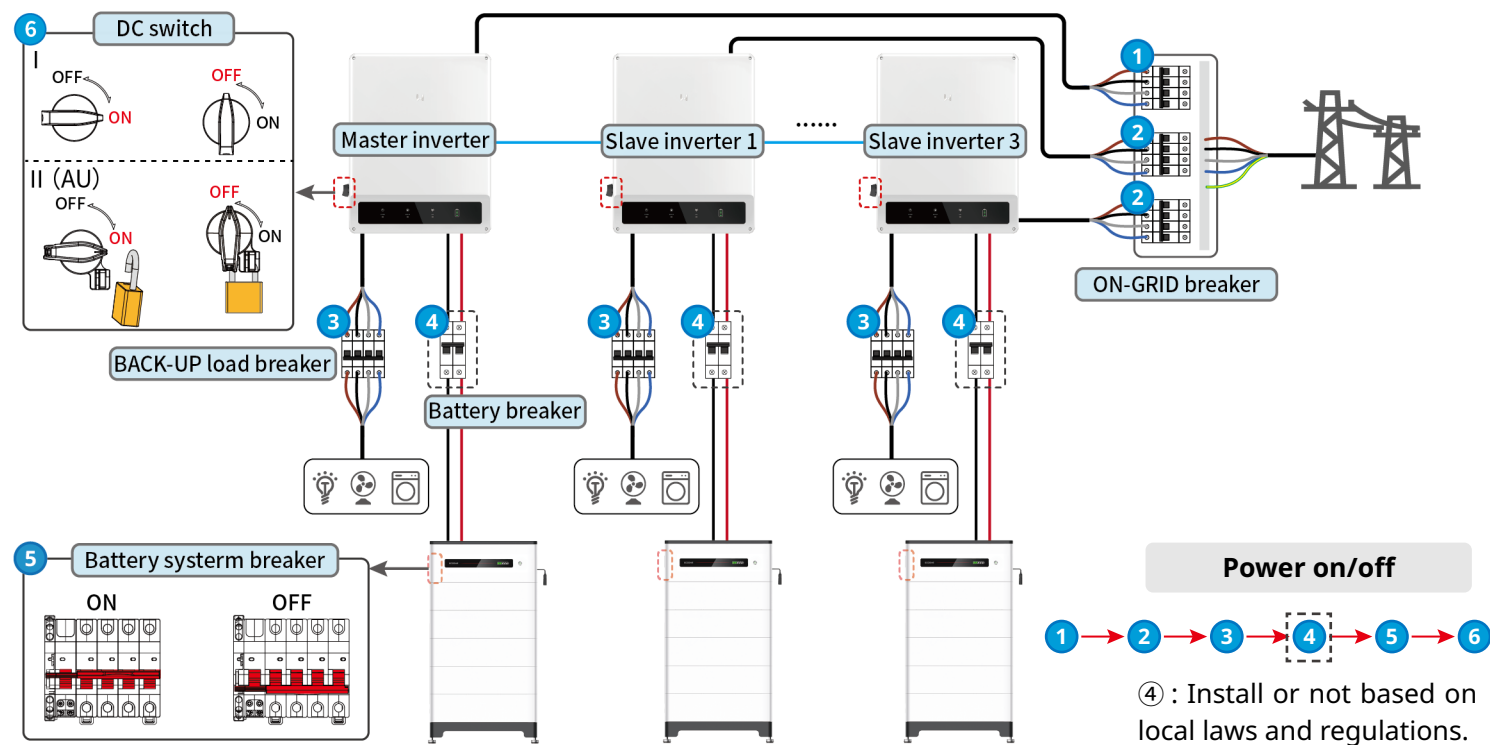


Power on/off

1 → 2 → 3 → 4 → 5

③ : Install or not based on local laws and regulations.

Parallel System

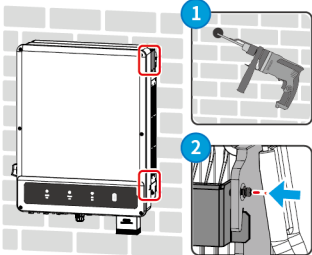
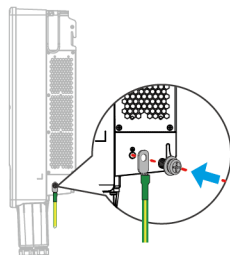
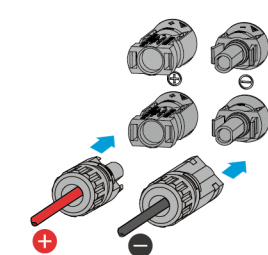
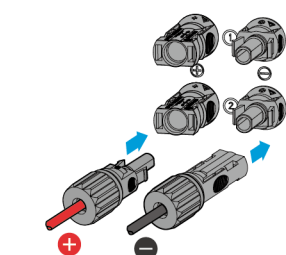
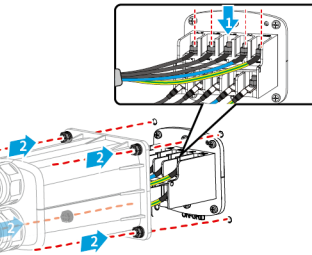
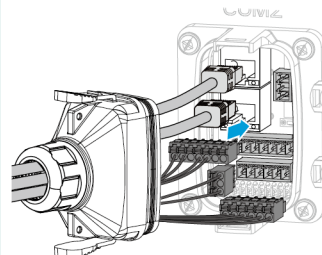
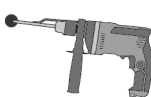
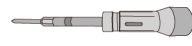
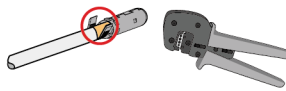
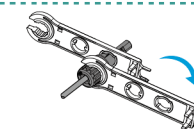
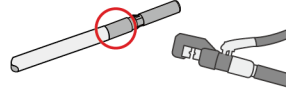
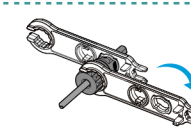
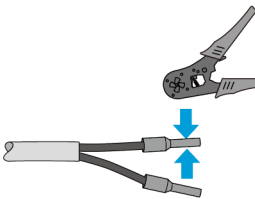
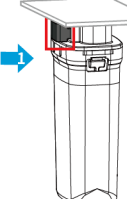
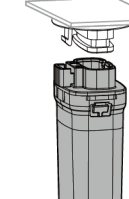


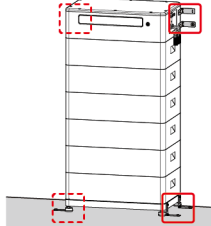
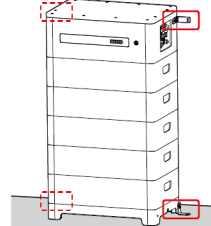
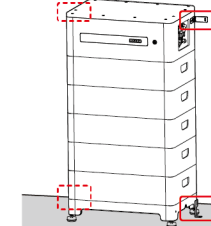
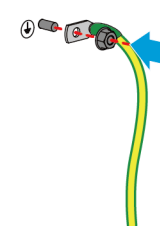
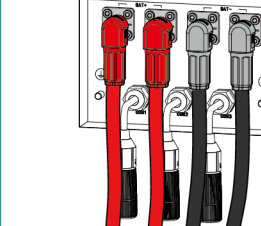
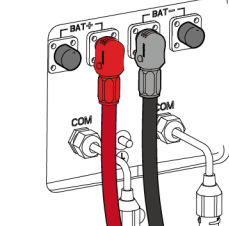
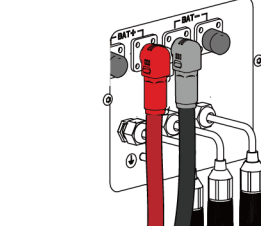
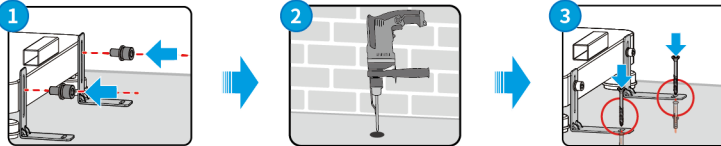
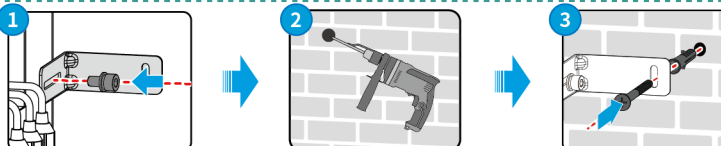
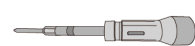
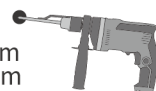
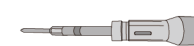
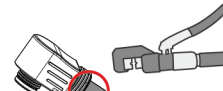
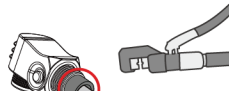
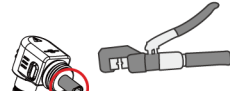
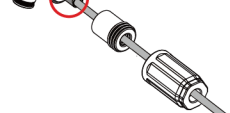
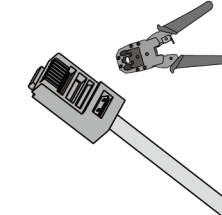
Power on/off

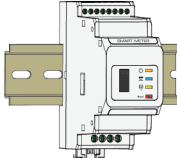
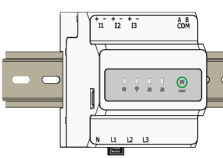
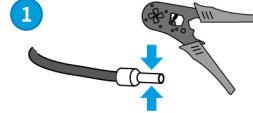
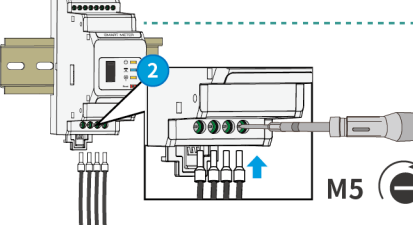
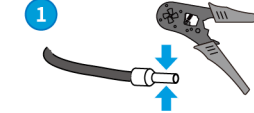
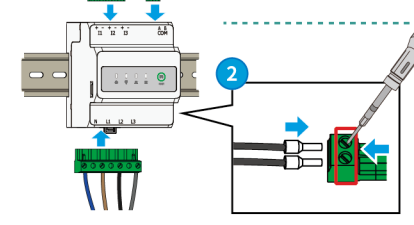
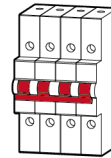
1 → 2 → 3 → 4 → 5 → 6

④ : Install or not based on local laws and regulations.

03 Installations

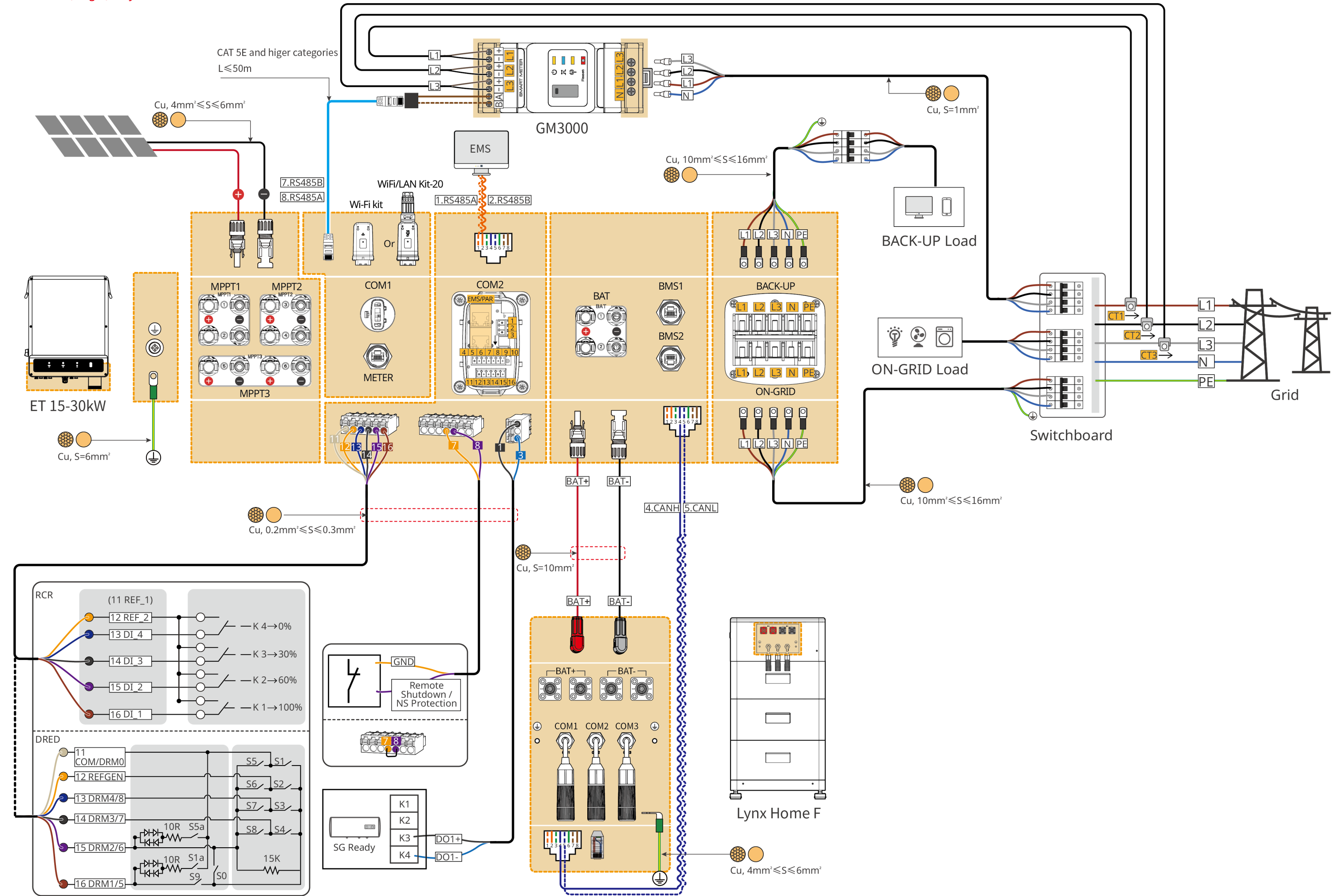
Steps	1 Installation		2 PE	3 PV	4 Battery	5 AC	6 COM	7 Communication module		
Inverter								Wi-Fi Kit	WiFi/LAN Kit-20	Ezlink3000
Tools	1 D: 80mm φ: 8mm  2 M5  1.2~2N·m 		M5  1.2~2N·m 	Recommend: PV-CZM-61100  	Recommend: YQK-70  	1 M5  2~3N·m  2 M6  3~4N·m 				

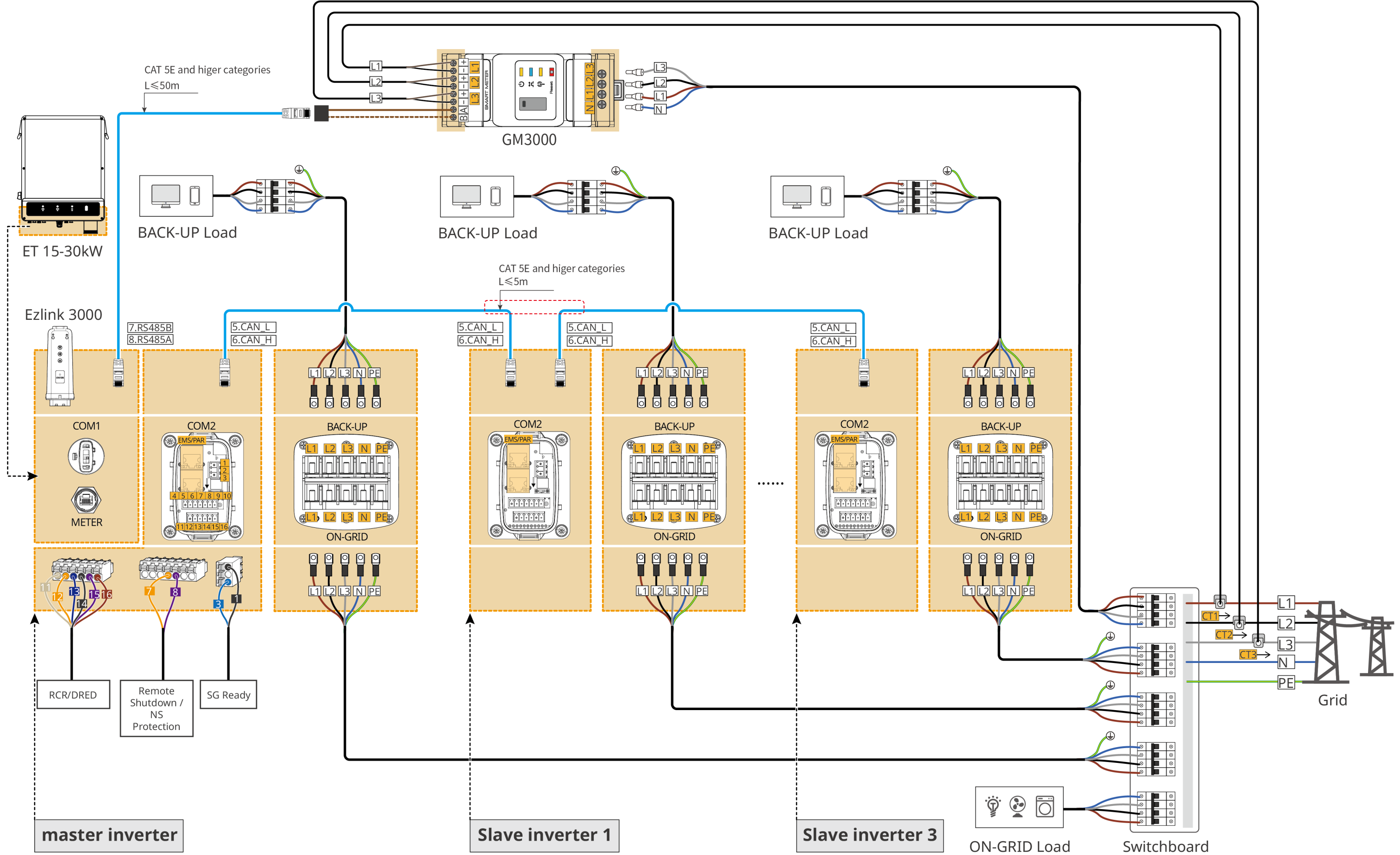
Steps	1 Installation			2 PE	3 Battery			4 COM	
Battery	Lynx Home F (G2) 	Lynx Home F (G1) 	Lynx Home F (G1 Plus+) 		Lynx Home F (G2) 	Lynx Home F (G1) 	Lynx Home F (G1 Plus+) 		
Tools	Ground  Wall  1 M5  4N·m  2 D: 80mm φ: 10mm  3 ST5.5  10N·m 			M6  6~7N·m 	Recommend: YQK-70  			Recommend: YQK-70  	

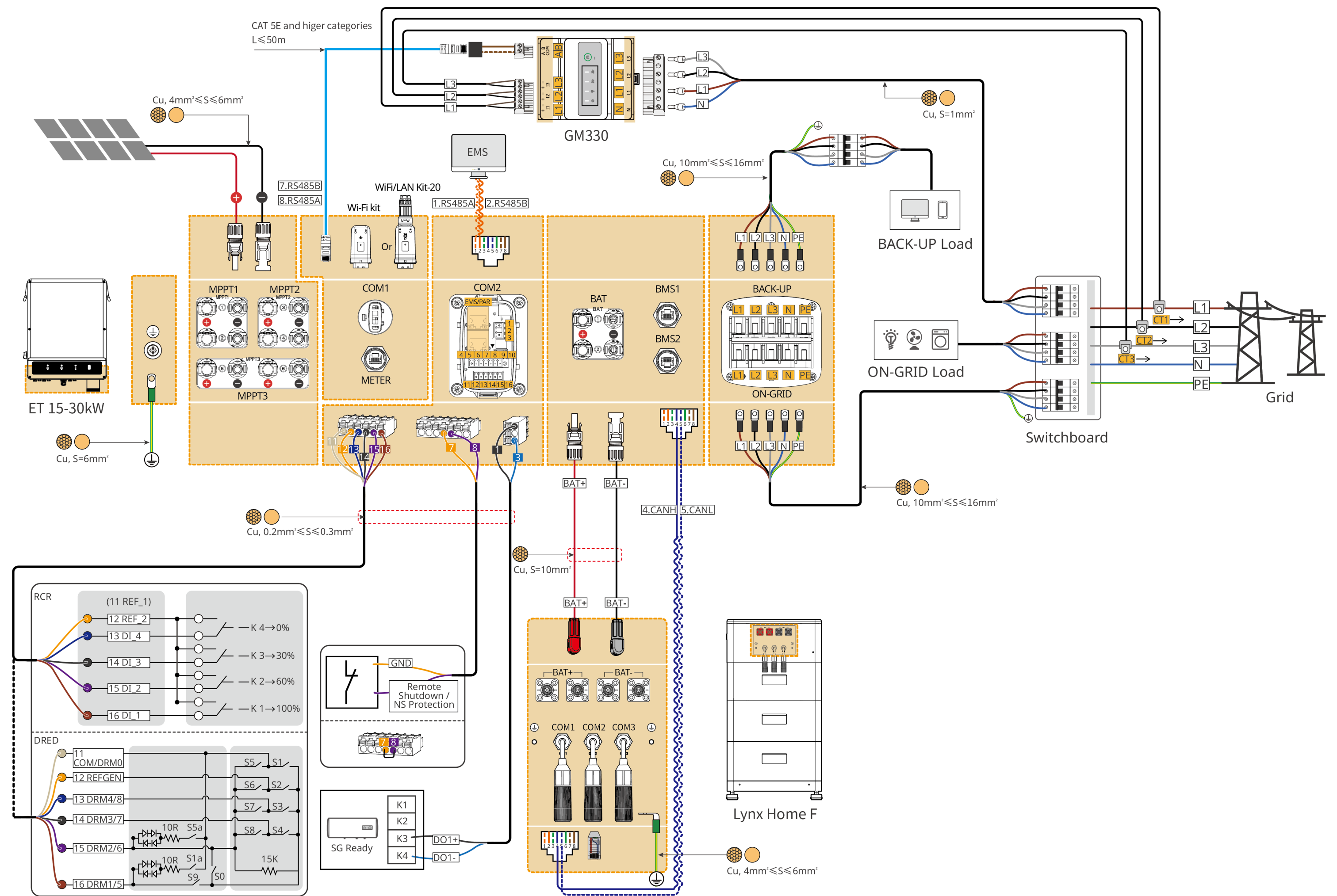
Steps	1 Installation		2 Cable Connections		3 Power	4 Commissioning	
Smart meter	GM3000 	GM330 	GM3000 1  2  M5  1.2~2N·m 	GM330 1  2  M5  1.2~2N·m 	 AC breaker	 →  SolarGo APP  →  or  SEMS Portal APP SEMS Portal WEB	

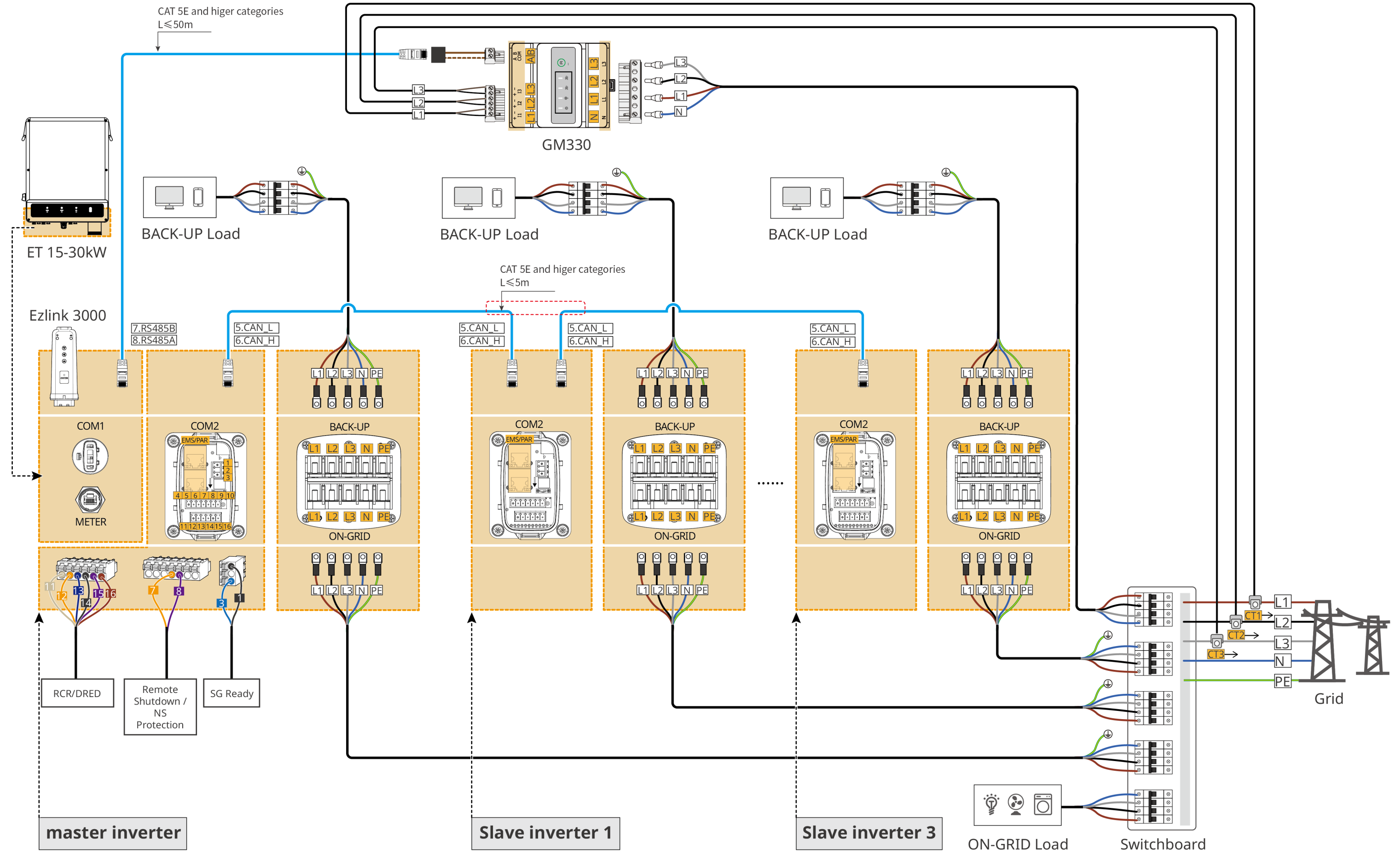
04 Wiring Diagram

ET 15-30kW (single) + Lynx Home F + GM3000 + WiFi/LAN

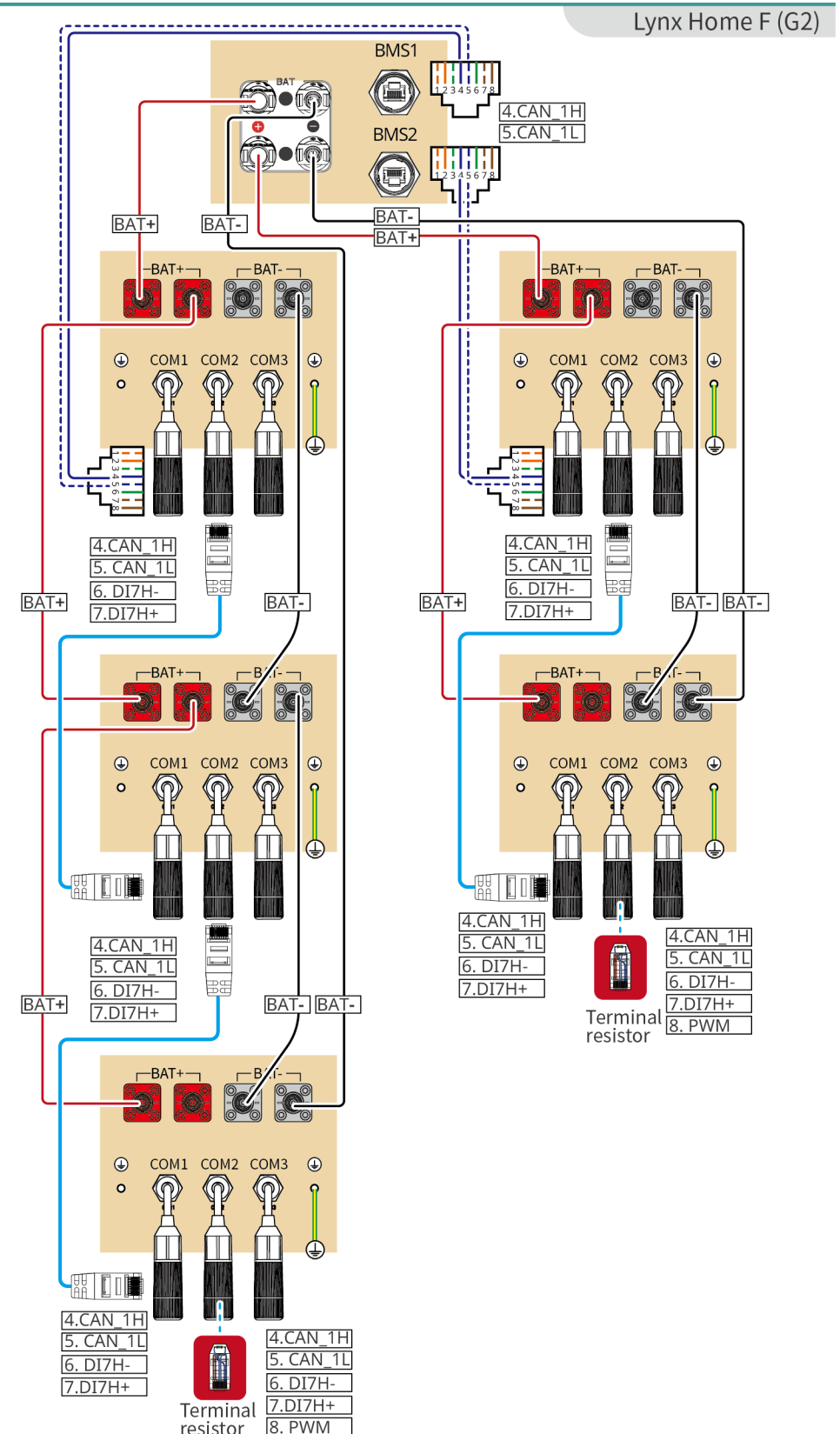
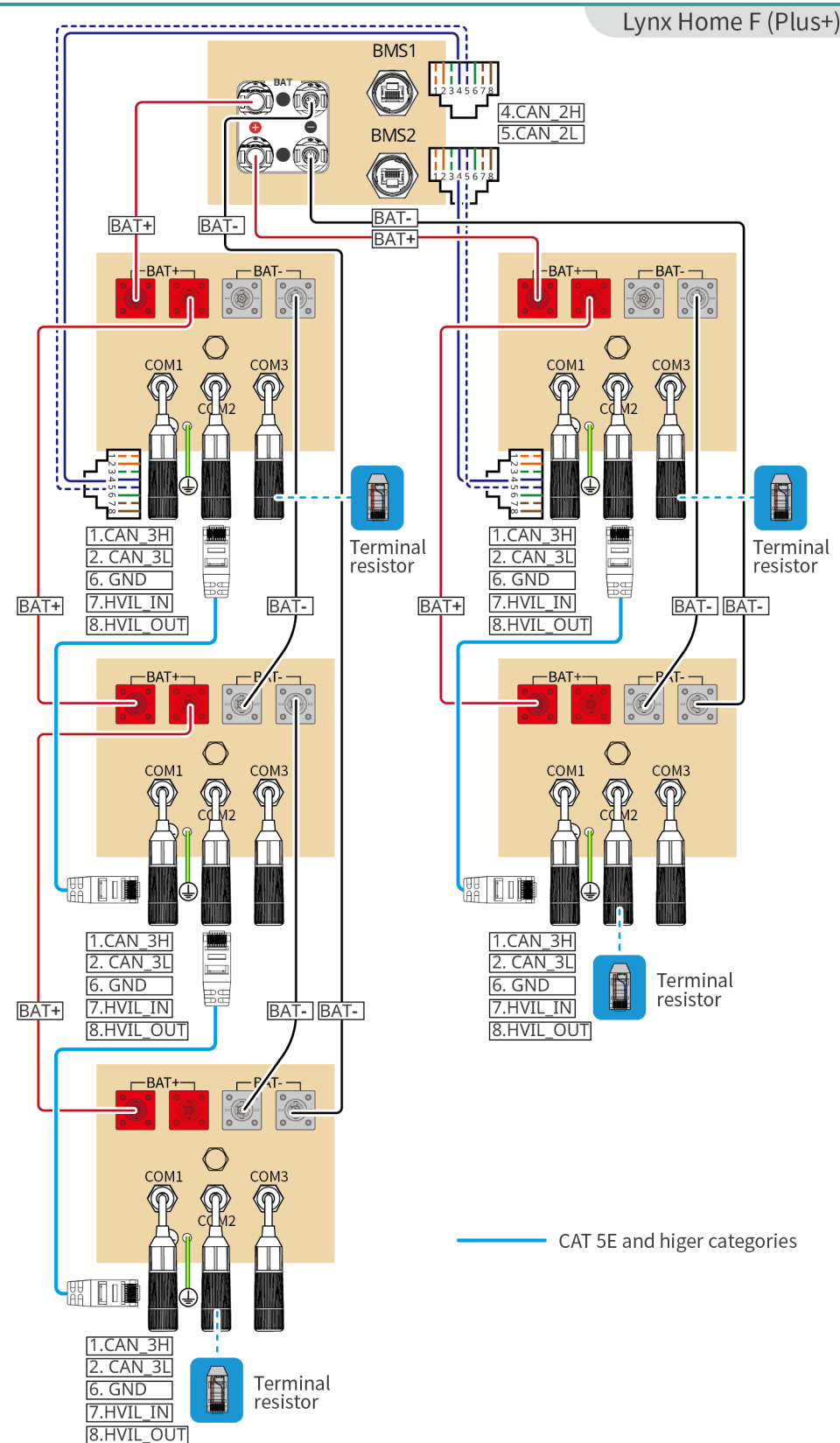
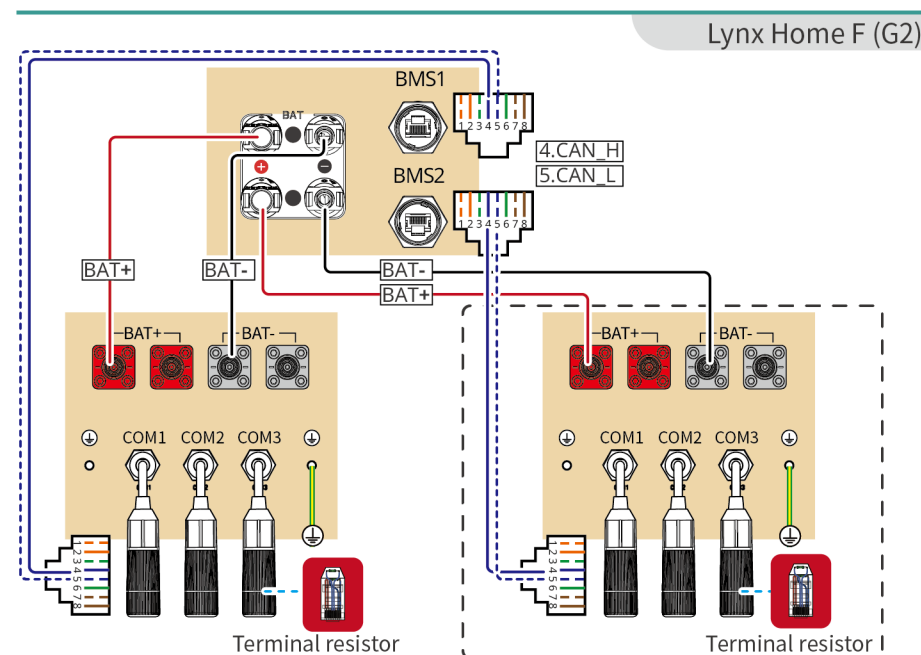
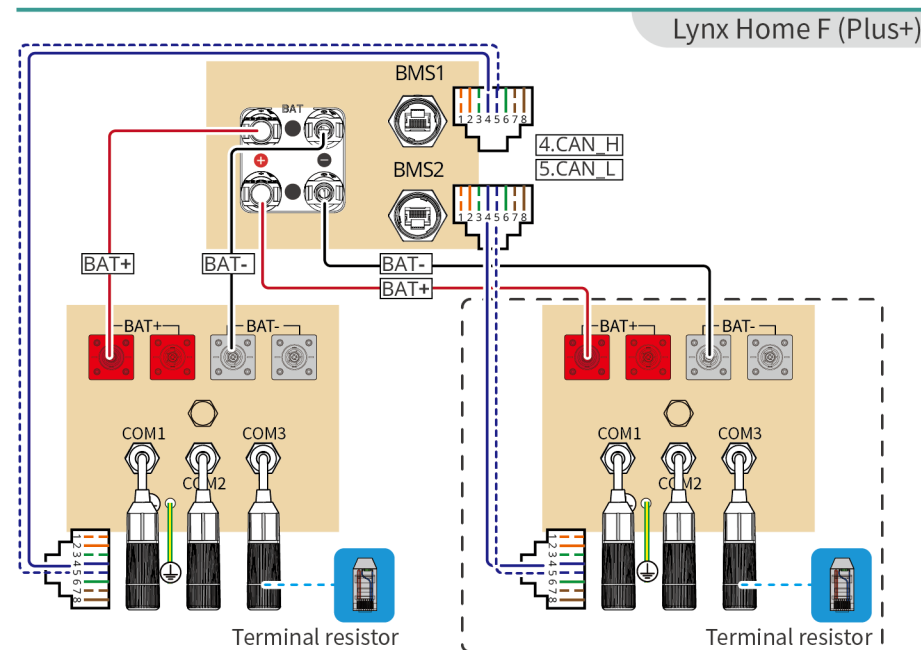
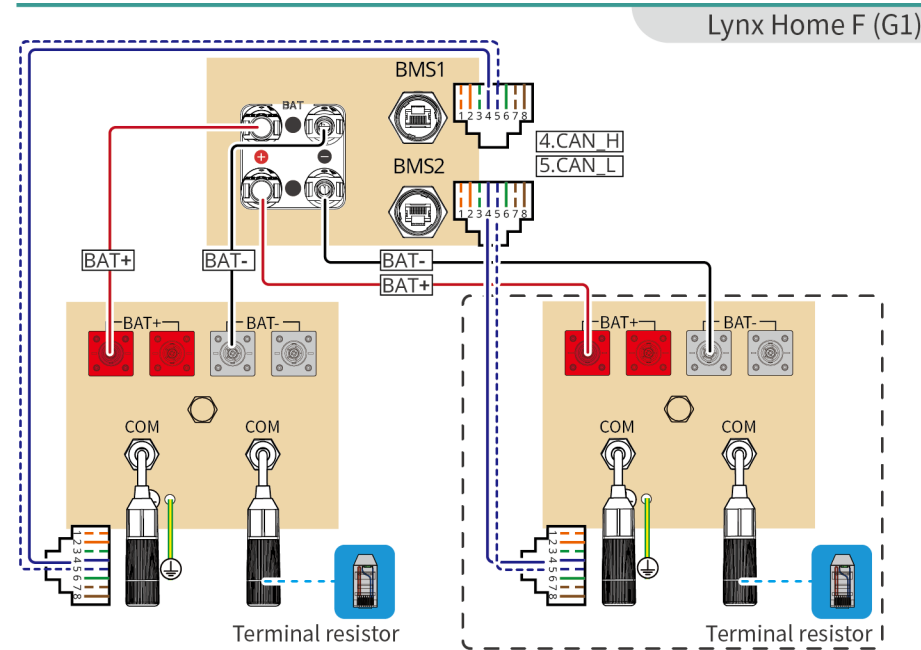






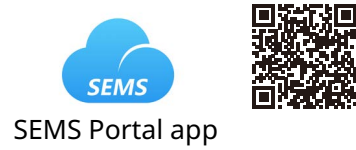


Battery System Wiring Diagram



Battery System Quantity	Quantity Of Battery Systems Connected To BAT1	Quantity Of Battery Systems Connected To BAT2	Battery Quantity	Quantity Of Battery Systems Connected To BAT1	Quantity Of Battery Systems Connected To BAT2
1	1	0	2	1	1
3	2	1	4	2	2
5	3	2	6	3	3
7	4	3	8	4	4
N	(N+1)/2	(N-1)/2	M	M/2	M/2
15	8	7	16	8	8

05 Equipment Commissioning



In parallel scenarios, the software version of SolarGo app should be 5.3.0 or above. Follow the prompts to connect the device.

Quick Settings

Tap **Home > Settings > Quick Settings** to complete quick settings step by step.
Installer password: goodwe2010

Setting the Safety Code

The screenshot shows the 'Safety Code' screen with a list of parameters and a 'Save' button. A red box highlights the 'Safety Code' header and the 'Warehouse' dropdown. A red arrow points from this box to the 'Europe' selection in the 'Safety Code' list on the right. Another red arrow points from the 'DE MV' option to the 'Save' button.

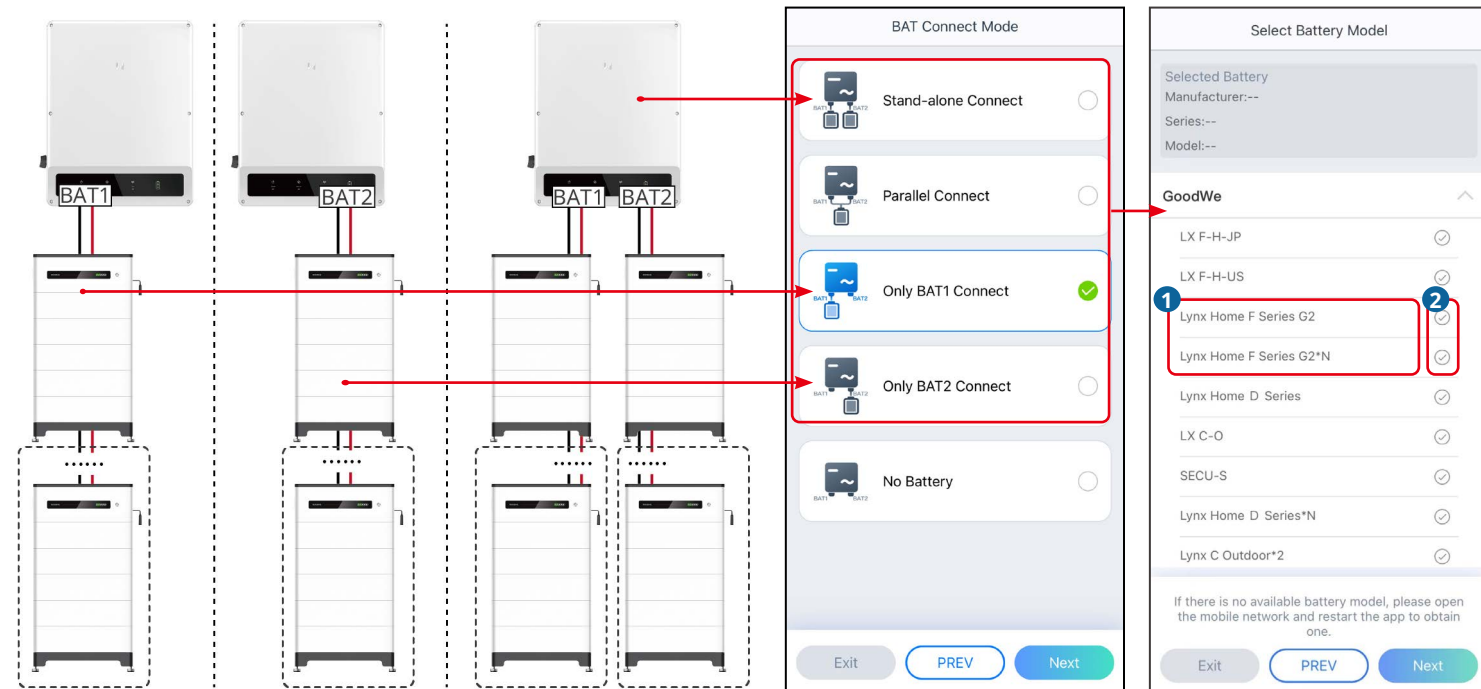
Setting Inverter Quantity (Only For Parallel Connections)

Quantity Settings

Number Of Inverters 2 Tower ✓

Exit PREV Next

Setting the BAT Connect Mode



Setting the Working Mode

The image displays a sequence of five screenshots from the Enphase Envoy app, illustrating the configuration of battery settings. Red arrows and boxes highlight the flow of configuration steps:

- Screenshot 1 (Left):** Shows the 'Peakshaving' and 'Self-use Mode' settings. The 'Self-use Mode' toggle is highlighted with a red box and arrow, pointing to the 'Working mode' selection screen.
- Screenshot 2 (Middle-Left):** Shows the 'Working mode' selection screen. The 'Self-use Mode' option is highlighted with a red box and arrow, pointing to the 'Self-use Mode' settings screen.
- Screenshot 3 (Middle-Right):** Shows the 'Self-use Mode' settings. The 'Depth Of Discharge (On-Grid)' and 'Depth Of Discharge (Off-grid)' are both set to 60%. The 'Advanced Settings' link is highlighted with a red box and arrow, pointing to the 'Advanced Settings' screen.
- Screenshot 4 (Right):** Shows the 'Advanced Settings' screen. The 'Back-up Mode', 'Economic Mode', and 'Smart Charging' options are highlighted with red boxes and arrows, pointing to the 'Depth Of Discharge (On-Grid)' settings screen.
- Screenshot 5 (Far Right):** Shows the 'Depth Of Discharge (On-Grid)' settings. The 'Depth Of Discharge (On-Grid)' is set to 60%.

Depth Of Discharge (On-Grid):
The maximum depth of discharge of the battery when the system is working on-grid.

Depth Of Discharge (Off-Grid):
The maximum depth of discharge of the battery when the system is working off-grid.

BACK-UP Mode

Back-up Mode

Charging From Grid: ☒

Rated Power: 0.0

Range: 0,100%

Back-up Mode

mainly suitable for scenarios where the power grid is unstable and there are important loads. When the power grid loses power, the inverter switches to off grid working mode to supply power to the load; When the power grid is restored, the inverter working mode switches to grid connected operation.

Grid charge: Open Backup SOC: 60%

Charging From Grid: ☒

Back-up Mode

mainly suitable for scenarios where the power grid is unstable and there are important loads. When the power grid loses power, the inverter switches to off grid working mode to supply power to the load; When the power grid is restored, the inverter working mode switches to grid connected operation.

Grid charge: Close Backup SOC: 60%

Economic Mode

Economic Mode

Battery Working Mode Group1

Charge Power: 50.0 % SOC: 98%

00:00-07:00

January Every day

Economic Mode

Set different time periods for buying and selling electricity based on the differences in peak and valley electricity prices of the power grid, while complying with local laws and regulations.

PV: Charge battery in priority

TOU curve

PV curve

Power export

Load curve

Charge

Load consumption

Discharge

Battery Working Mode Group2

Discharge Power: 60.0 %

08:00-16:00

Every month Every day

Economic Mode

Set different time periods for buying and selling electricity based on the differences in peak and valley electricity prices of the power grid, while complying with local laws and regulations.

PV: Export to grid in priority

TOU curve

PV curve

Power export

Load curve

Charge

Load consumption

Discharge

Smart Charging Mode

Smart Charging

Smart Charging Month

Peak Limiting Power: 0.0

Peak limiting power must be lower than power limit value. Range: 0,100%

Switch To Charge: ☒

PV switches from selling electricity to charging batteries

Charging Time: 00:00

Smart Charging

For some areas with peak limiting power, the excess energy of PV which exceed grid connection limitation can be used for charging battery, minimize the PV energy waste.

Switch to charge: Open PV > Peak limiting power

Peak limiting power

PV curve

Power export

Load curve

Charge

Load consumption

Discharge

Charging time

Smart Charging

For some areas with peak limiting power, the excess energy of PV which exceed grid connection limitation can be used for charging battery, minimize the PV energy waste.

Switch to charge: Close PV < Peak limiting power

Peak limiting power

PV curve

Power export

Load curve

Charge

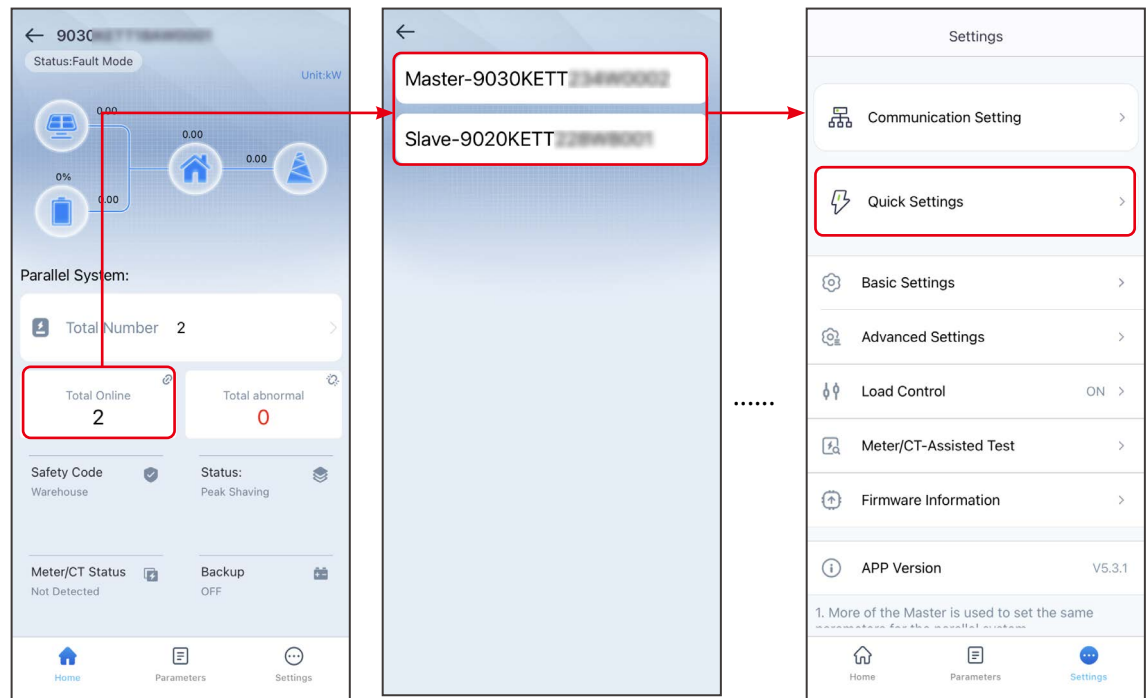
Load consumption

Discharge

Charging time

Setting Batteries Of Each Inverters (Only For Parallel Connections)

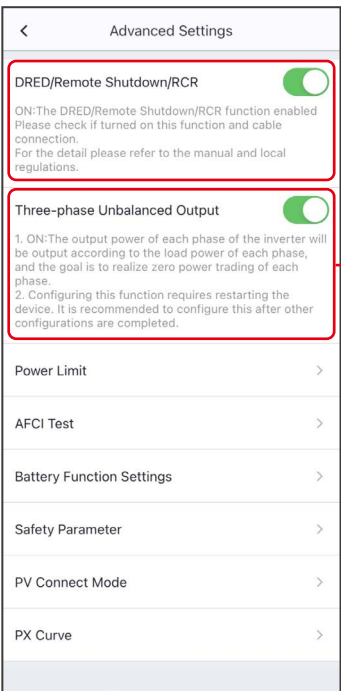
Follow the prompts to set the battery model and connection mode of each inverter.



Setting the Advanced Parameters

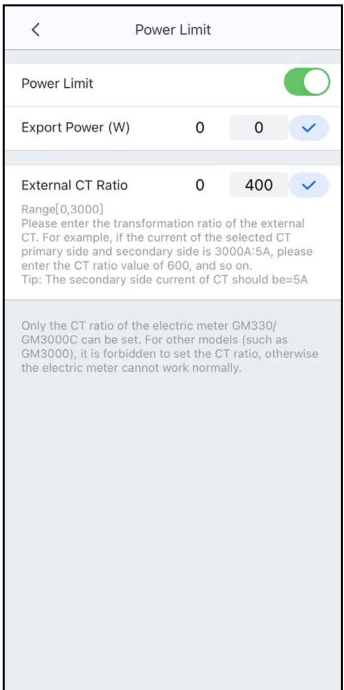
Tap **Home** > **Settings** > **Advanced Settings** to set the following functions.

Setting DRED/Remote Shutdown/RCR or Three-phase Unbalanced Output Function (Optional)



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

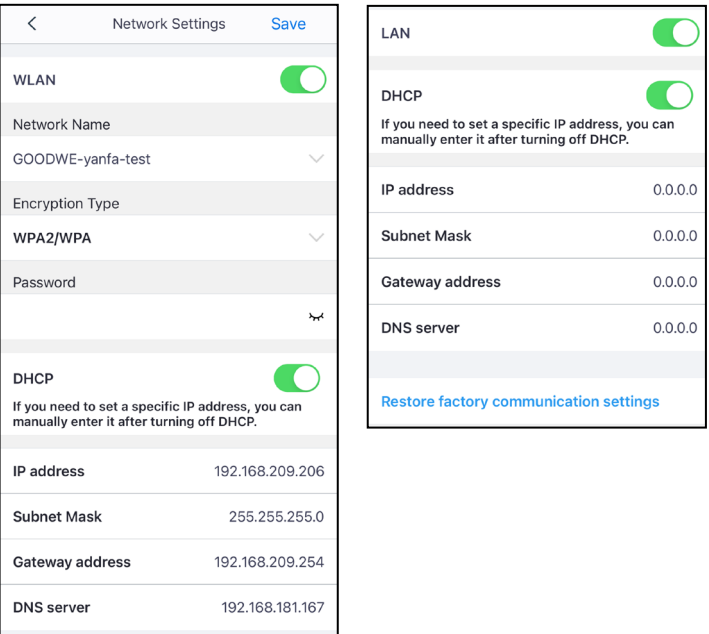
Setting the Power Limit Function



Configuring the Network

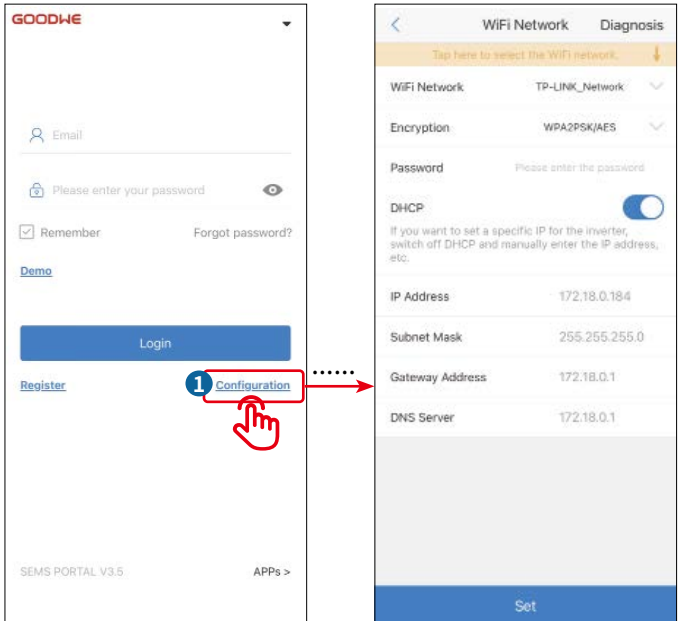
Method I (RECOMMENDED): SolarGo app

Tap **Home** > **Settings** > **Communication Setting** > **Network Settings** to set network parameters.



Method II: SEMS Portal app

Follow the prompts to configure the network.



Creating a Power Plant

Create power plants and add equipments via SEMS Portal app.

