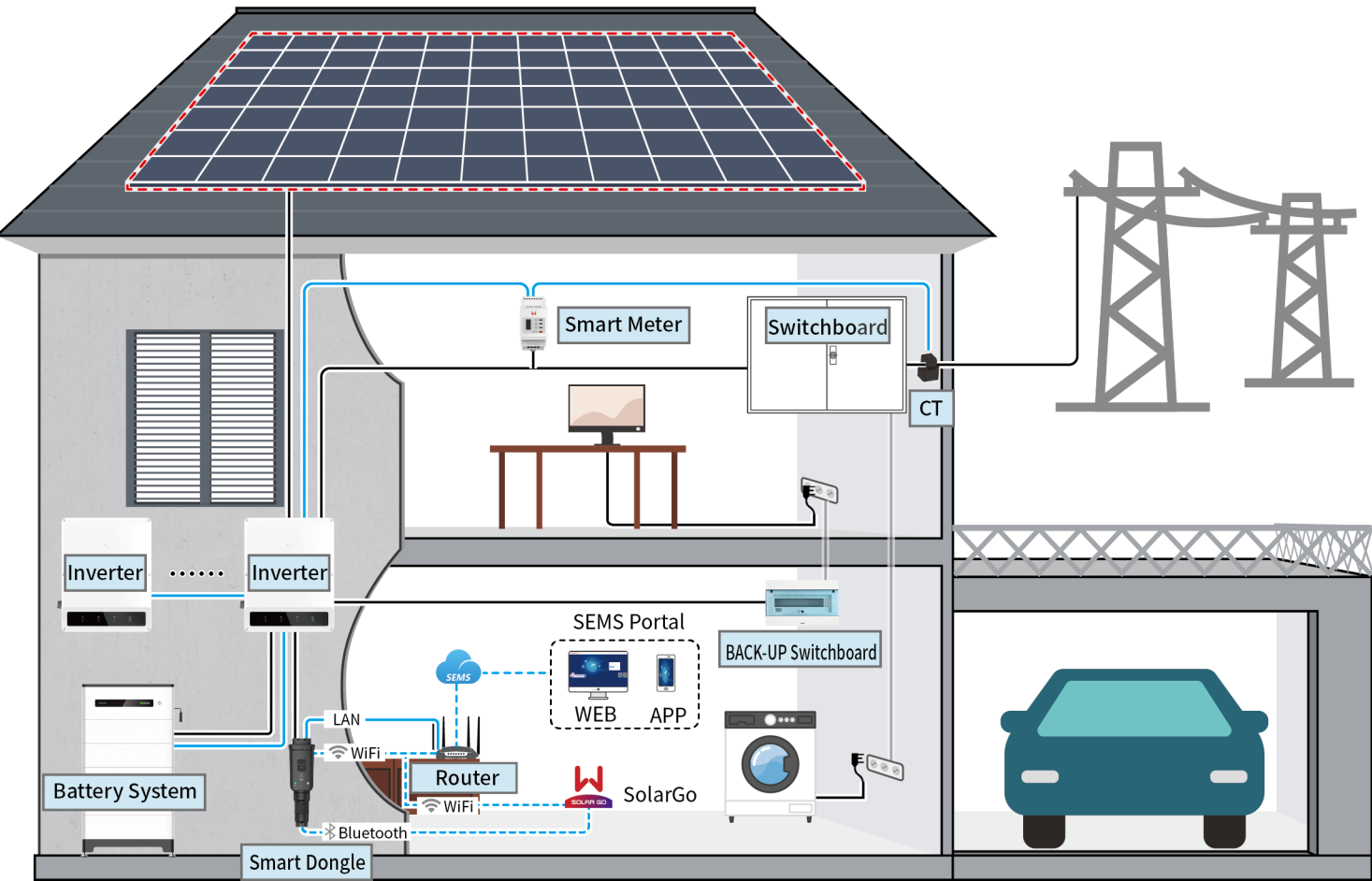


⚠ WARNING

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

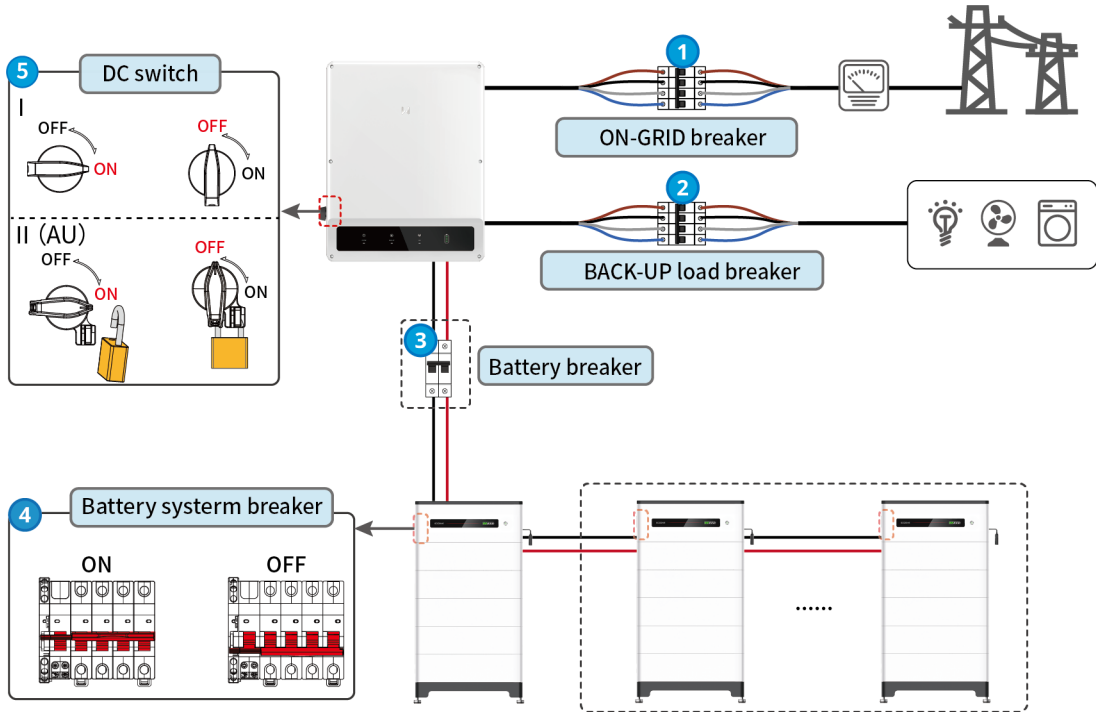


Device	Model		Description
Inverter	GW15K-ET GW20K-ET GW25K-ET GW29.9K-ET GW30K-ET		A maximum of 4 inverters can be connected in a parallel system. Inverter firmware requirements for parallel connections: - Consistent firmware version - ARM version: 08(401) or above - DSP version: 07(7068) or above
Battery system	Lynx Home F (G1) LX F6.6-H LX F9.8-H LX F13.1-H LX F16.4-H	Lynx Home F (G1 Plus+) LX F6.6-H LX F9.8-H LX F13.1-H LX F16.4-H	- A maximum of 8 battery systems can be clustered in a system. - Do not mix connect battery systems of different versions.
Smart Meter	- 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.

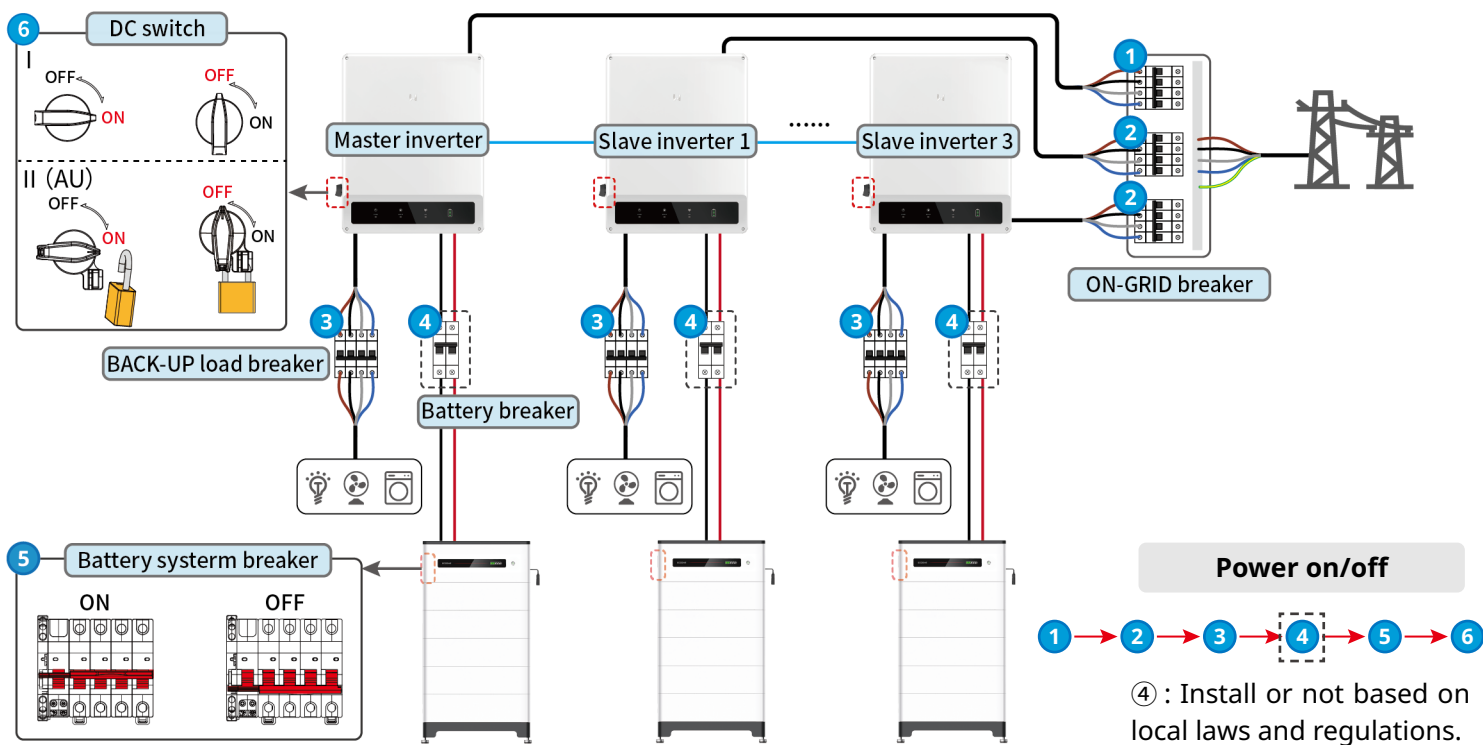
Device	Model	Description
Communication Module	WiFi/LAN Kit-20	- Use WiFi/LAN Kit-20 or Wi-Fi kit for a single inverter. Upgrade the firmware of the inverter before replacing the Wi-Fi kit with a WiFi/LAN Kit-20 dongle. - In parallel scenarios, the EzLink 3000 must be connected to the master inverter.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

02 Power On/Off

Single Inverter



Parallel System



03 Installations

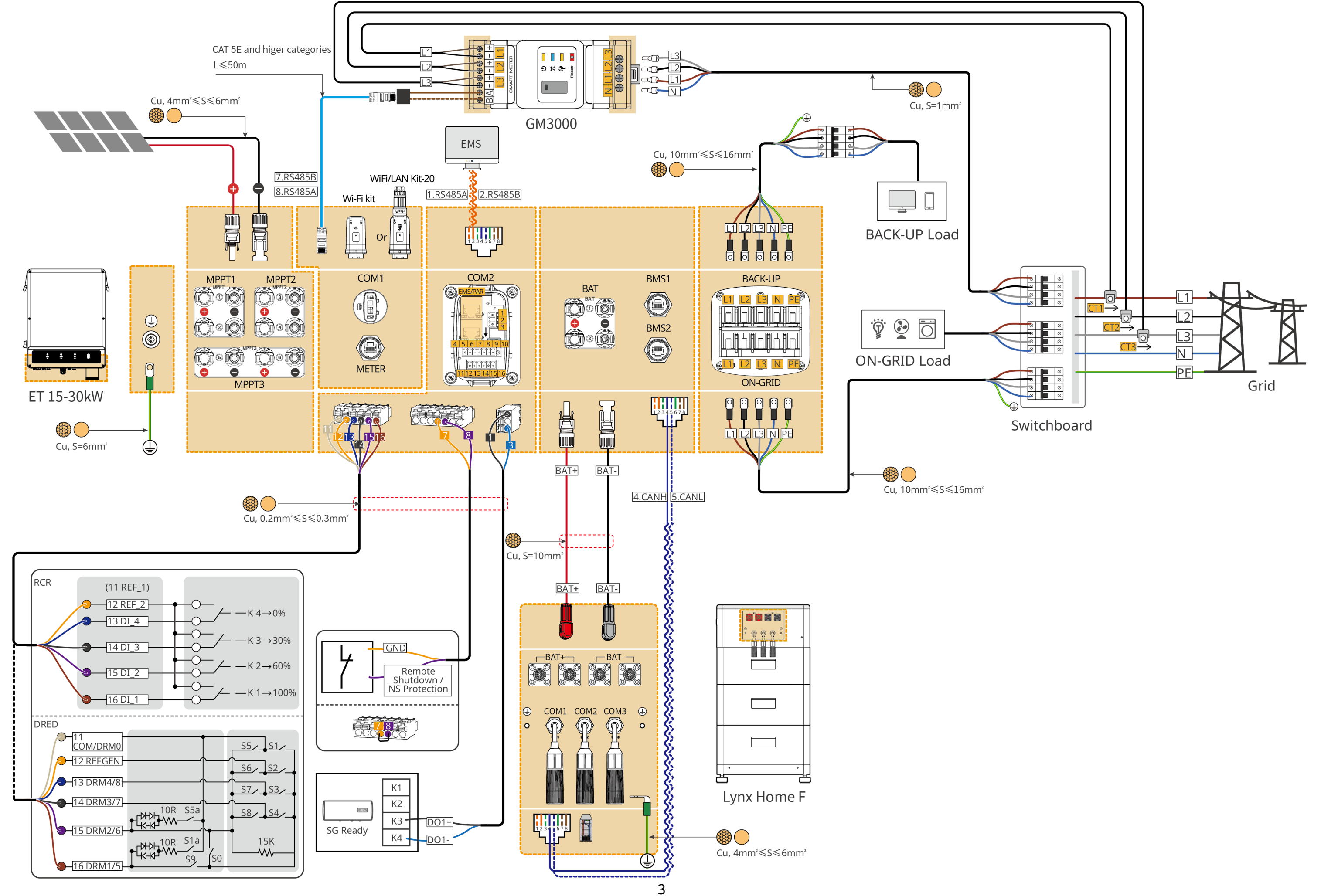
Steps	1 Installation	2 PE	3 PV	4 Battery	5 AC	6 COM	7 Communication module		
Inverter							Wi-Fi Kit	WiFi/LAN Kit-20	Ezlink3000
Tools	1 D: 80mm φ: 8mm 2 M5 1.2~2N·m 	M5 1.2~2N·m 	Recommend: PV-CZM-61100 	Recommend: YQK-70 	1 M5 2~3N·m 2 M6 3~4N·m				

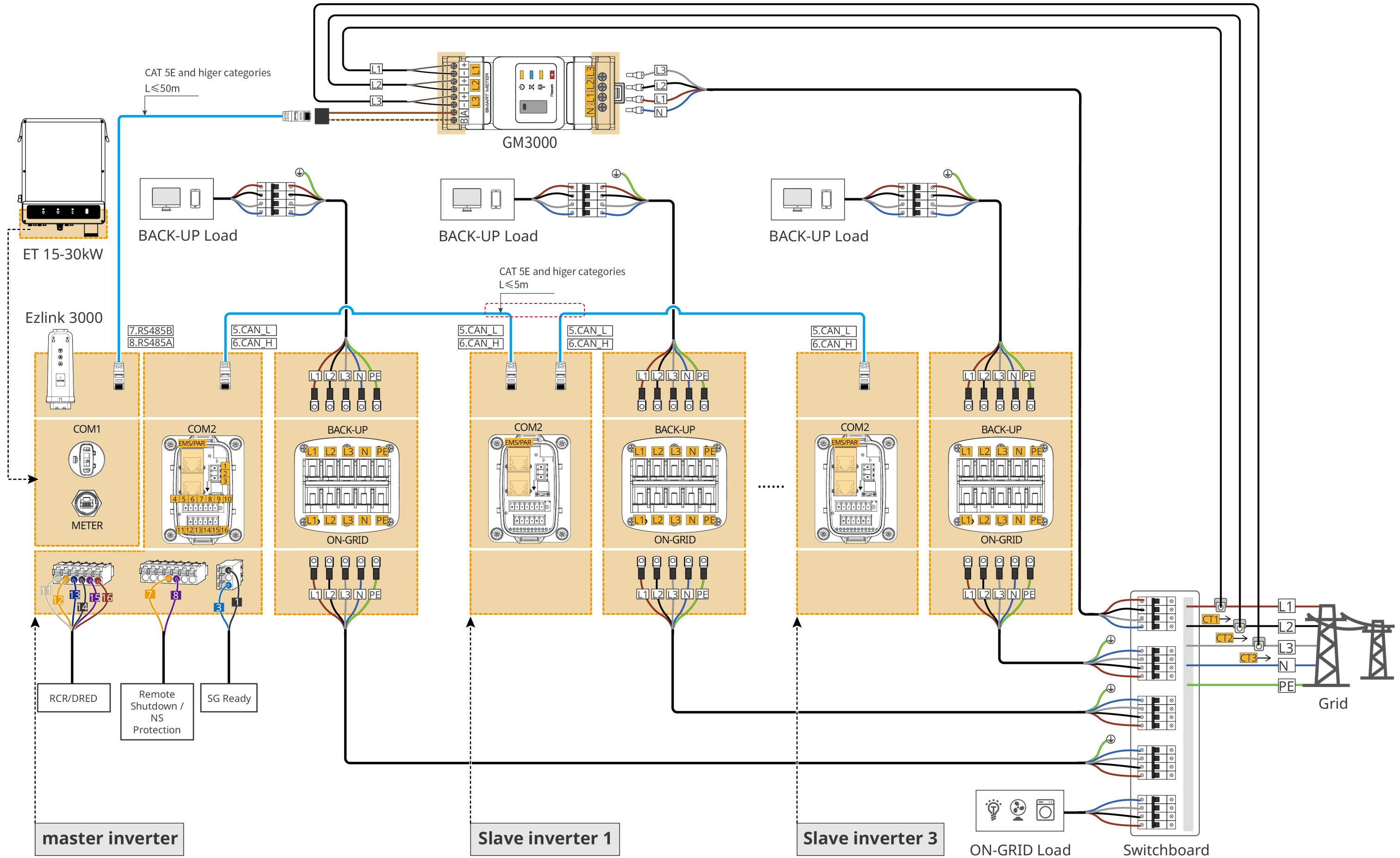
Steps	1 Installation		2 PE	3 Battery		4 COM
Battery	Lynx Home F (G1) 	Lynx Home F (G1 Plus+) 		Lynx Home F (G1) 	Lynx Home F (G1 Plus+) 	
Tools	Ground 1 2 3 Wall 1 2 3	1 M5 4N·m 2 D: 80mm φ: 10mm 3 ST5.5 10N·m	M6 6~7N·m	Recommend: YQK-70 	Recommend: YQK-70 	

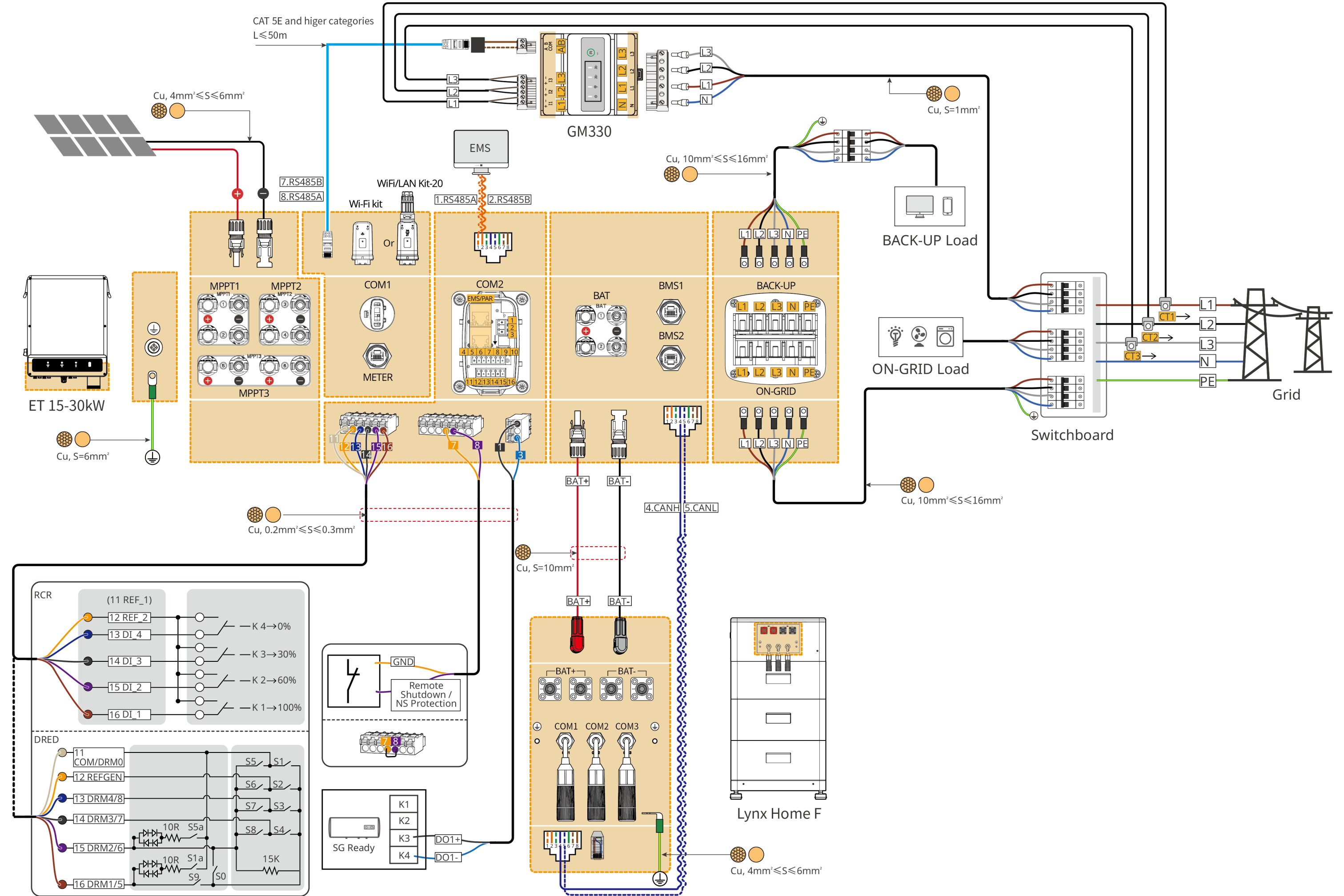
Steps	1 Installation		2 Cable Connections	3 Power	4 Commissioning
Smart meter	GM3000 	GM330 	GM3000 1 2 M5 1.2~2N·m	GM330 1 2 M5 1.2~2N·m	AC breaker SEMS Portal APP SEMS Portal WEB

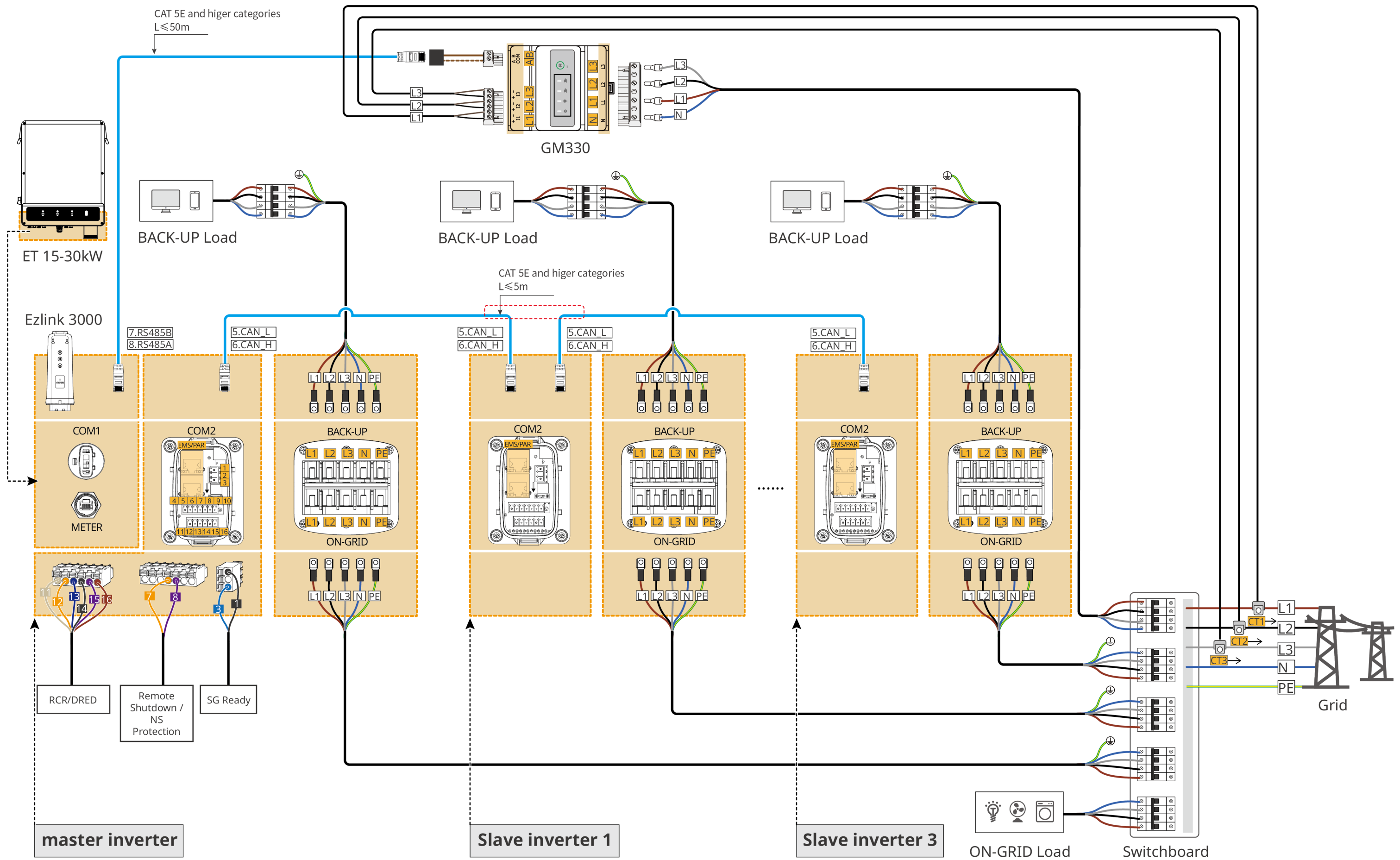
04 Wiring Diagram

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



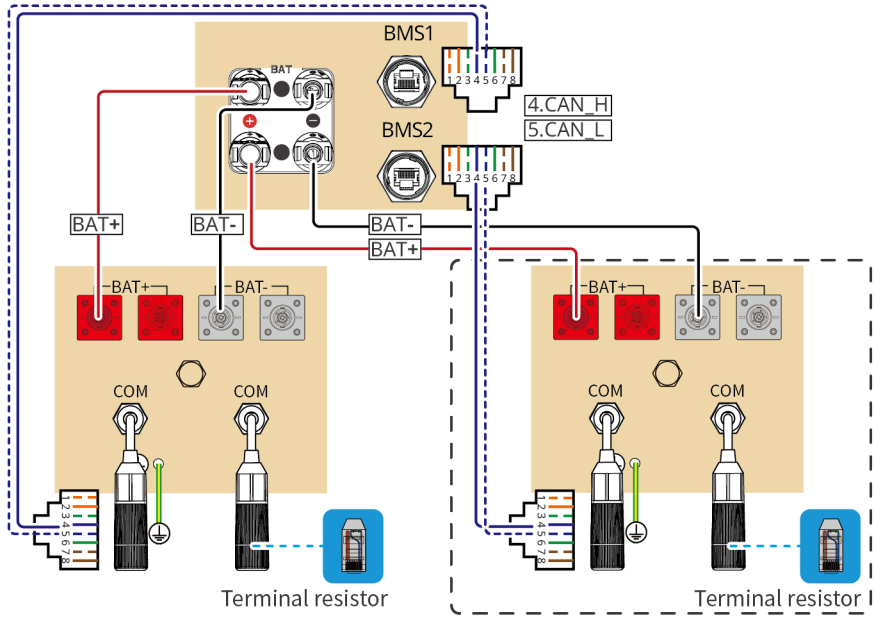




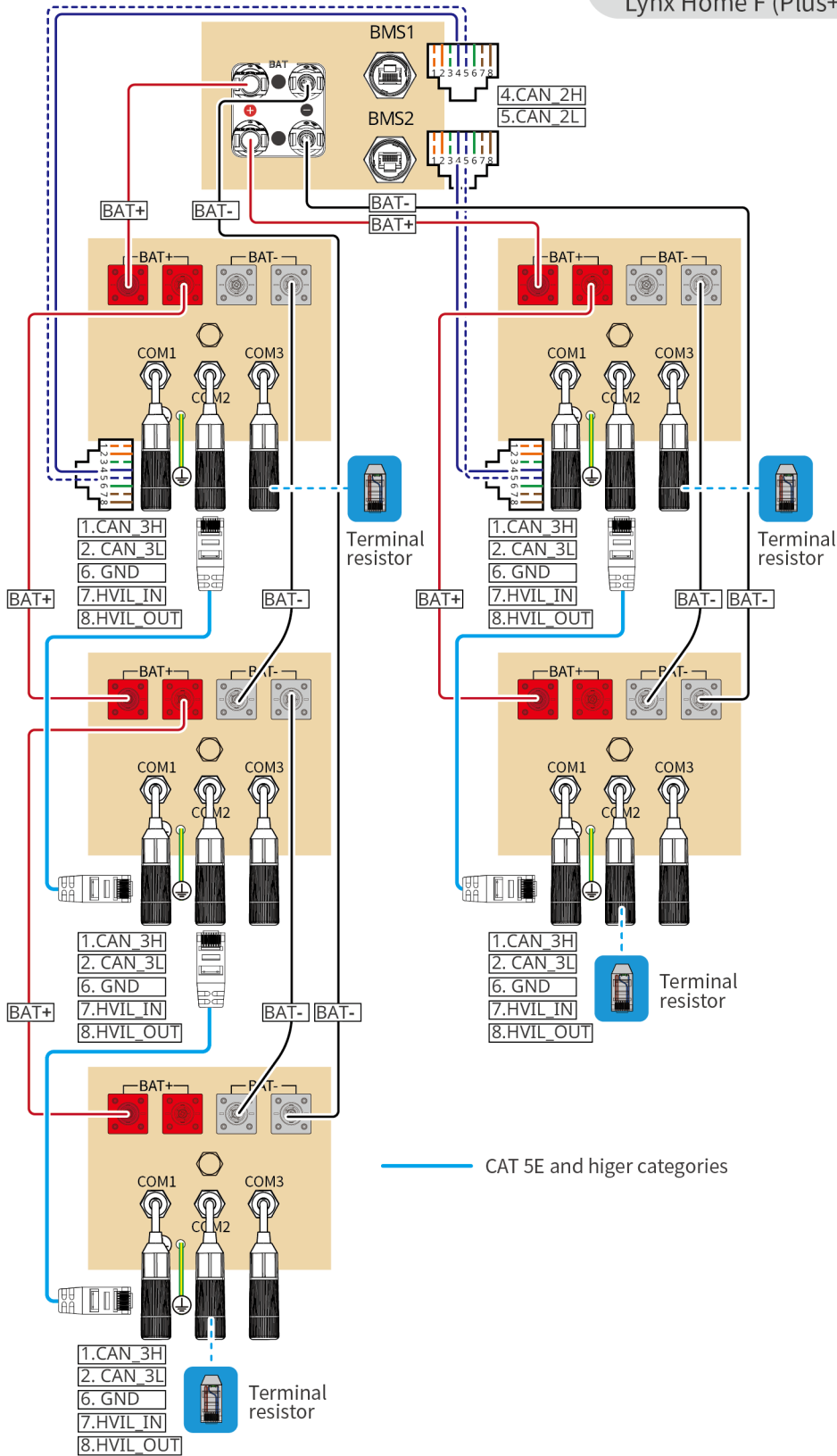


Battery System Wiring Diagram

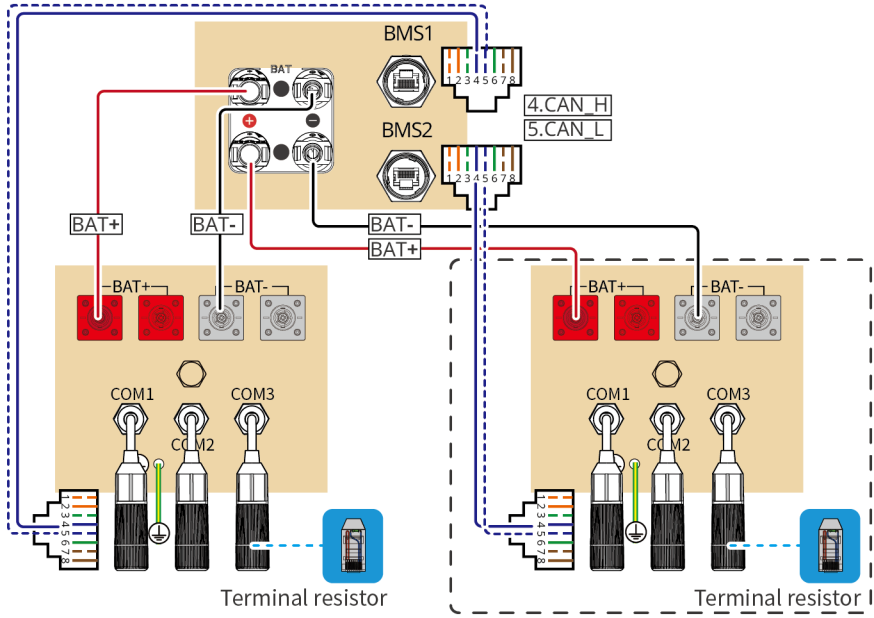
Lynx Home F (G1)



Lynx Home F (Plus+)



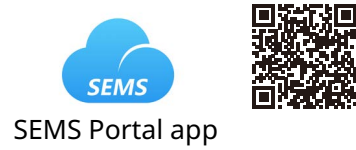
Lynx Home F (Plus+)



CAT 5E and higher categories

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. At the top, there are two tabs: 'Safety Code' and 'Export'. Below the tabs, there is a 'Warehouse' dropdown menu with 'Europe' selected. A red box highlights the 'Safety Code' header, and a red arrow points to the 'Europe' selection. Below the dropdown, there is a list of parameters and their values:

Safety Code	Warehouse
Voltage Protection Parameters:	
OV Stage1 Trip Value	270.0V
OV Stage1 Trip Time	0.16s
UV Stage1 Trip Value	170.0V
UV Stage1 Trip Time	0.16s
OV Stage2 Trip Value	270.0V
OV Stage2 Trip Time	0.16s
UV Stage2 Trip Value	170.0V
UV Stage2 Trip Time	0.16s
OV Stage3 Trip Value	0.0V

At the bottom, there are three buttons: 'Exit', 'PREV', and 'Next'. A red arrow points from the 'DE MV' option in the 'Europe' dropdown to the 'Save' button.

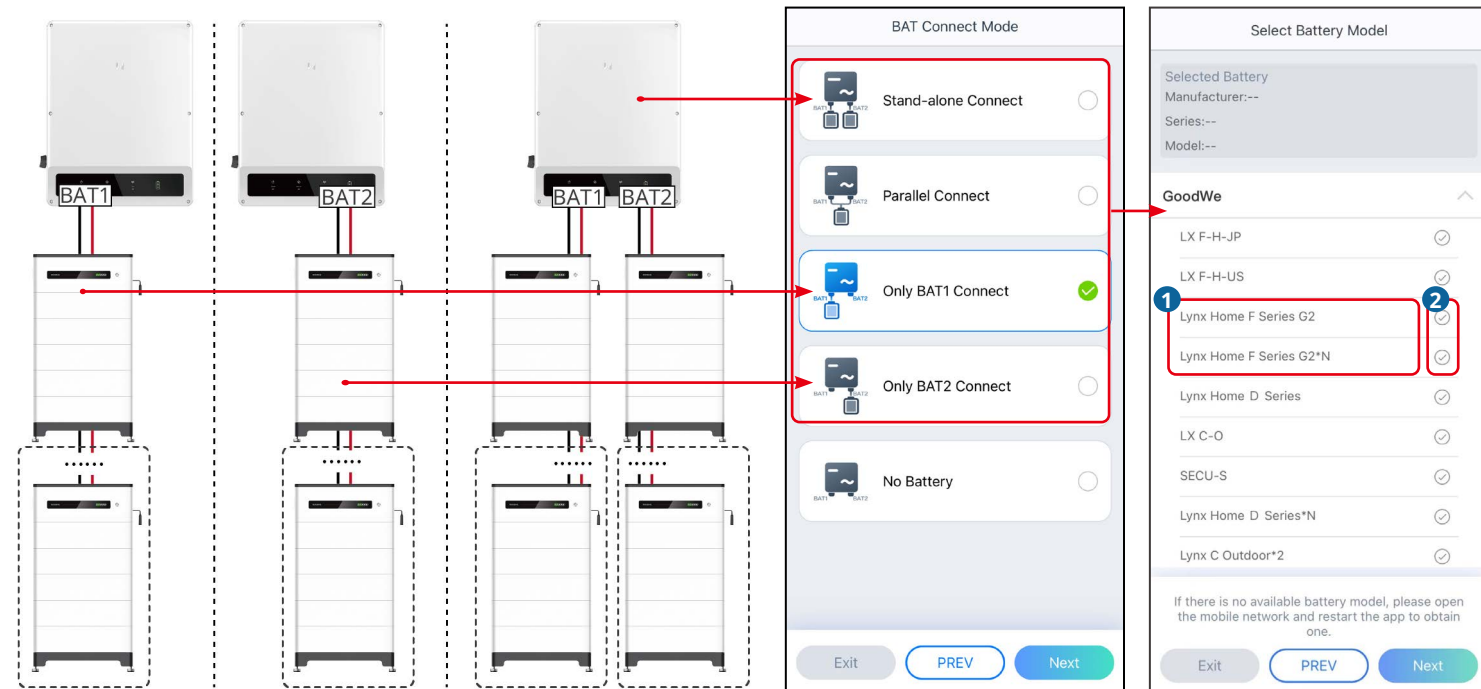
Setting Inverter Quantity (Only For Parallel Connections)

Quantity Settings

Number Of Inverters 2 Tower ✓

Exit PREV Next

Setting the BAT Connect Mode



Setting the Working Mode

The sequence of screenshots illustrates the navigation path to the 'Advanced Settings' menu:

- Peakshaving Settings:** The first screenshot shows the 'Peakshaving' settings page. A red box highlights the 'Self-use Mode' toggle, which is currently set to 'On'.
- Self-use Mode Selection:** The second screenshot shows the 'Self-use Mode' selection screen. A red box highlights the 'Self-use Mode' option, which is selected.
- Self-use Mode Settings:** The third screenshot shows the 'Self-use Mode' settings page. A red box highlights the 'Advanced Settings' link at the bottom.
- Advanced Settings Menu:** The fourth screenshot shows the 'Advanced Settings' menu. A red box highlights the 'Advanced Settings' link, which is the final destination of the navigation path.
- Advanced Settings Details:** The fifth screenshot shows the 'Advanced Settings' details page. A red box highlights the 'Advanced Settings' link, which is the final destination of the navigation path.

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

Charging From Grid: ☒ (Range 0,100]%

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% (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% (60%)

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

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

Smart Charging Mode

Smart Charging Month Peak Limiting Power 0.0 (Range 0,100]%)

Smart Charging: 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

Smart Charging Month Peak Limiting Power 0.0 (Range 0,100]%)

Smart Charging: PV switches from selling electricity to charging batteries

Switch to charge: Close PV > Peak limiting power

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.

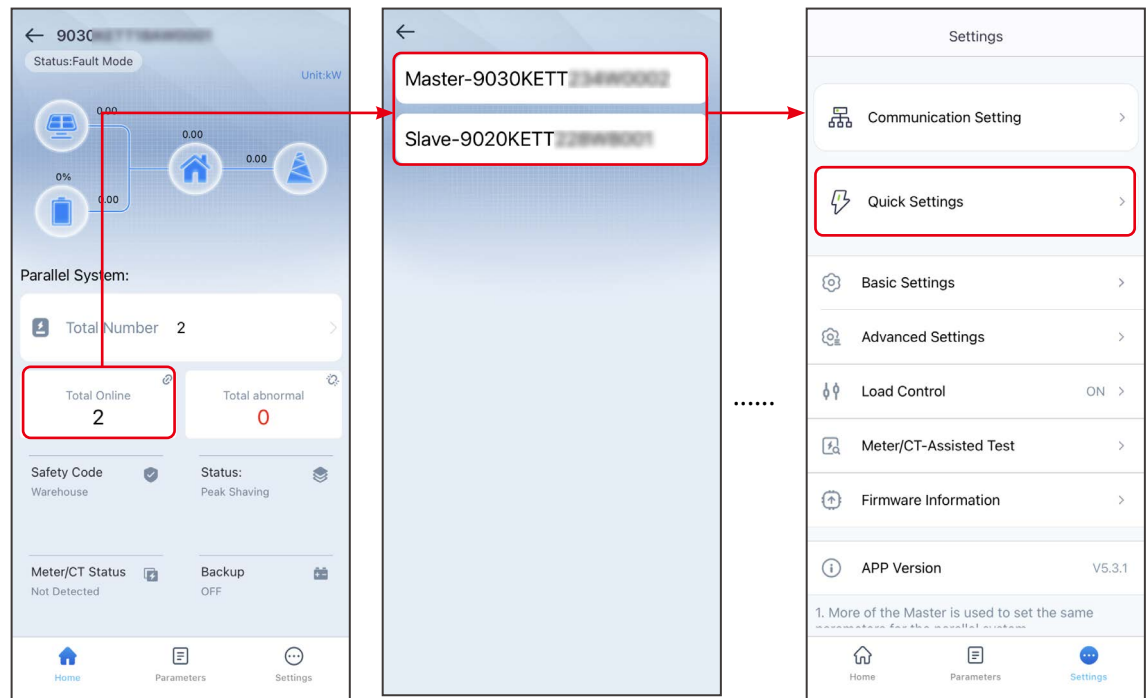
Switch to charge: Open PV < Peak limiting power

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

Setting Batteries Of Each Inverters (Only For Parallel Connections)

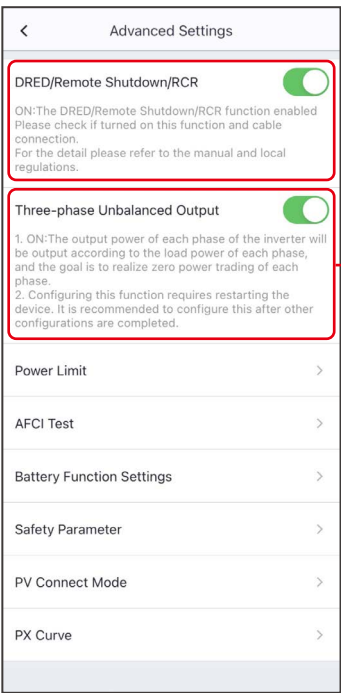
Follow the prompts to set the battery model and connection mode of each inverter.



Setting the Advanced Parameters

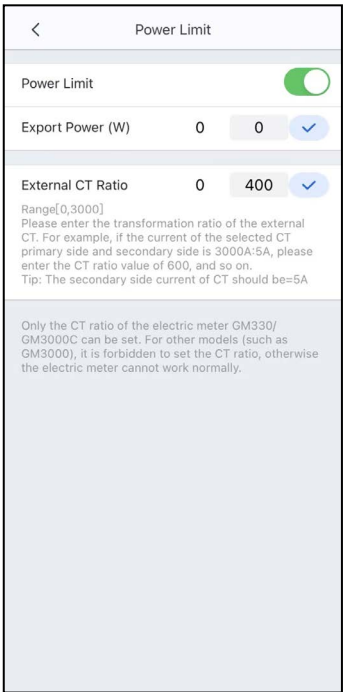
Tap Home > Settings > Advanced Settings to set the following functions.

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.

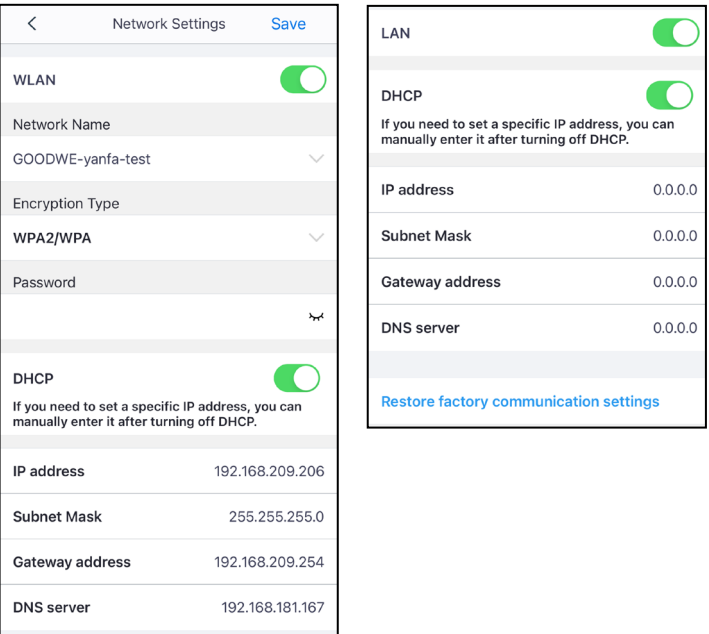
Setting the Power Limit Function



Configuring the Network

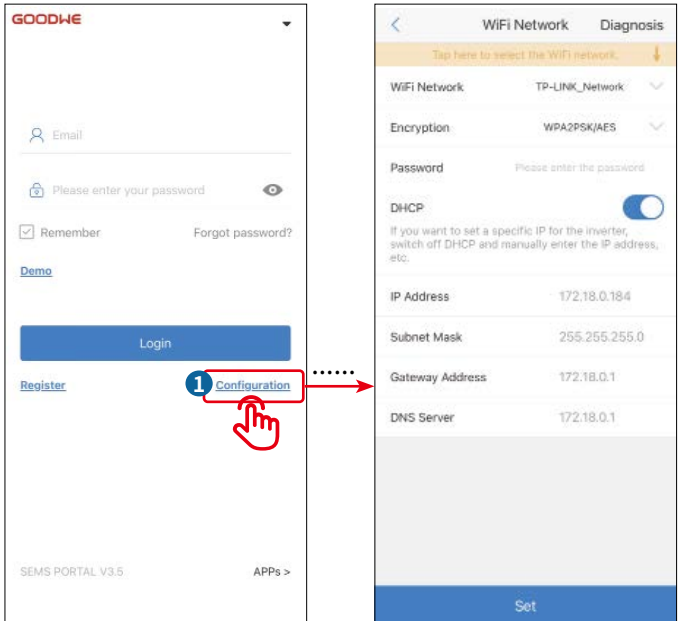
Method I (RECOMMENDED): SolarGo app

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.

