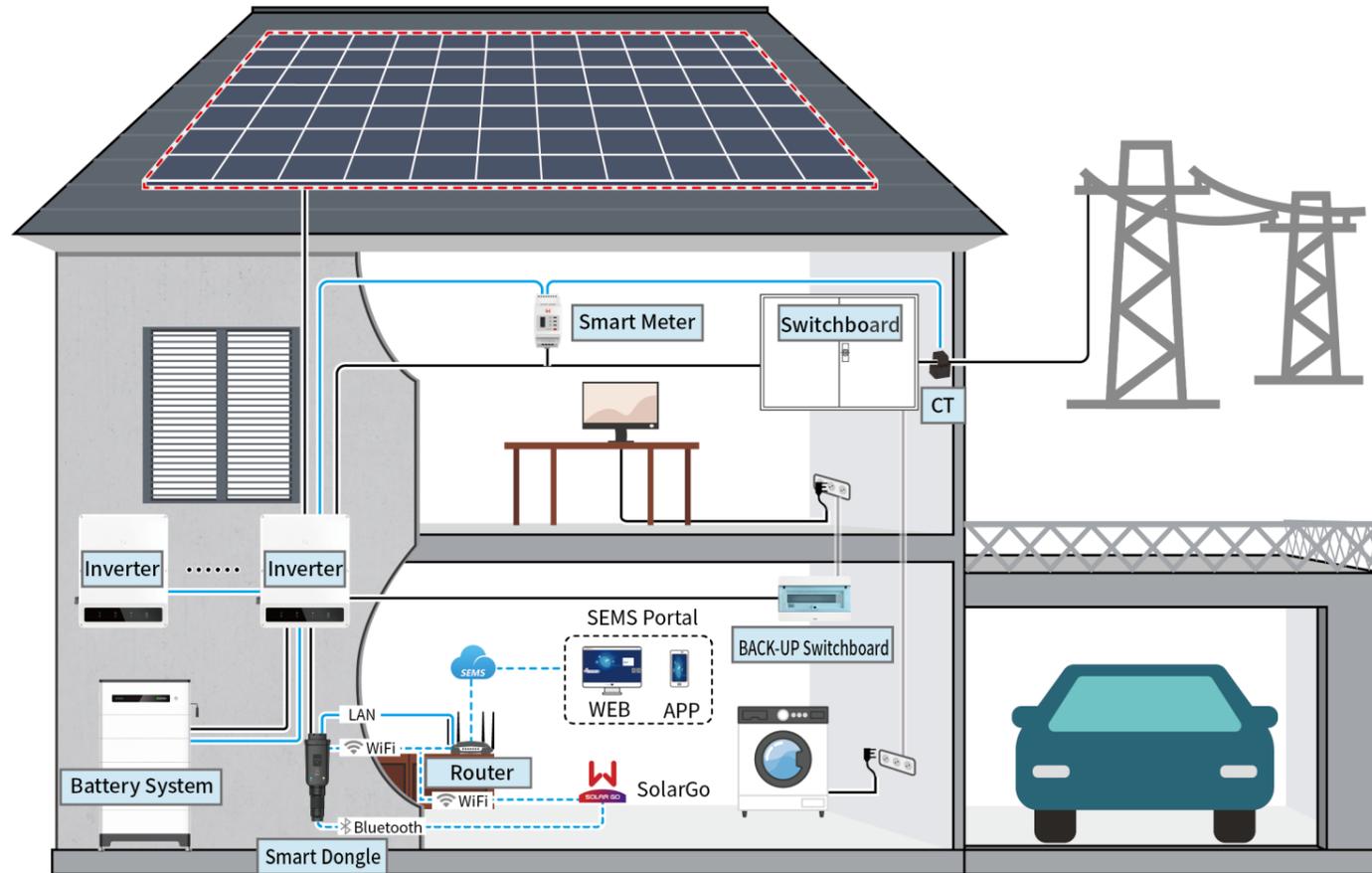


### ⚠ WARNING

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

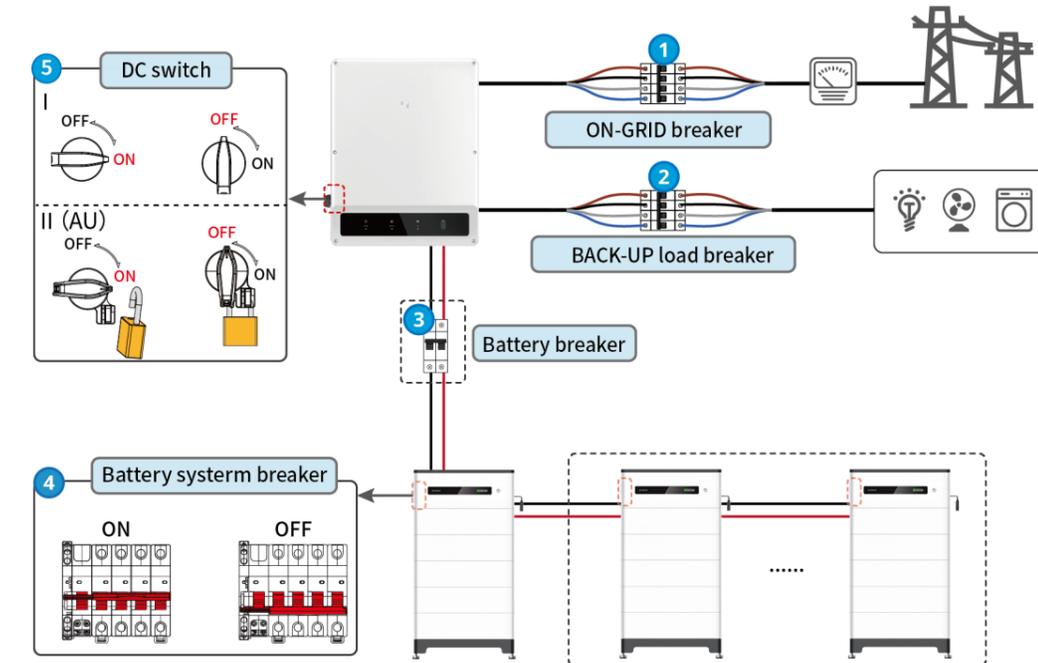


Device	Model	Description
Inverter	GW15K-ET GW20K-ET GW25K-ET GW29.9K-ET GW30K-ET	A maximum of 4 inverters can be connected in a parallel system. Inverter firmware requirements for parallel connections: <ul style="list-style-type: none"> <li>Consistent firmware version</li> <li>ARM version: 08(401) or above</li> <li>DSP version: 07(7068) or above</li> </ul>
Battery system	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	<ul style="list-style-type: none"> <li>A maximum of 8 battery systems can be clustered in a system.</li> <li>Do not mix connect battery systems of different versions.</li> </ul>
Smart Meter	<ul style="list-style-type: none"> <li>GM3000</li> <li>GM330</li> </ul>	<ul style="list-style-type: none"> <li>GM3000: GM3000 and the CT, which cannot be replaced, are included in the inverter package. CT ratio: 120A/40mA.</li> <li>CM330: order the CT for GM330 from GoodWe or other suppliers. CT ratio: nA/5A.                             <ul style="list-style-type: none"> <li>nA: CT primary input current, n ranges from 200 to 5000.</li> <li>5A: CT Secondary input current.</li> </ul> </li> </ul>

Device	Model	Description
Communication Module	<ul style="list-style-type: none"> <li>WiFi/LAN Kit-20</li> <li>Wi-Fi Kit</li> <li>Ezlink3000</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>

## 02 Power On/Off

### Single Inverter

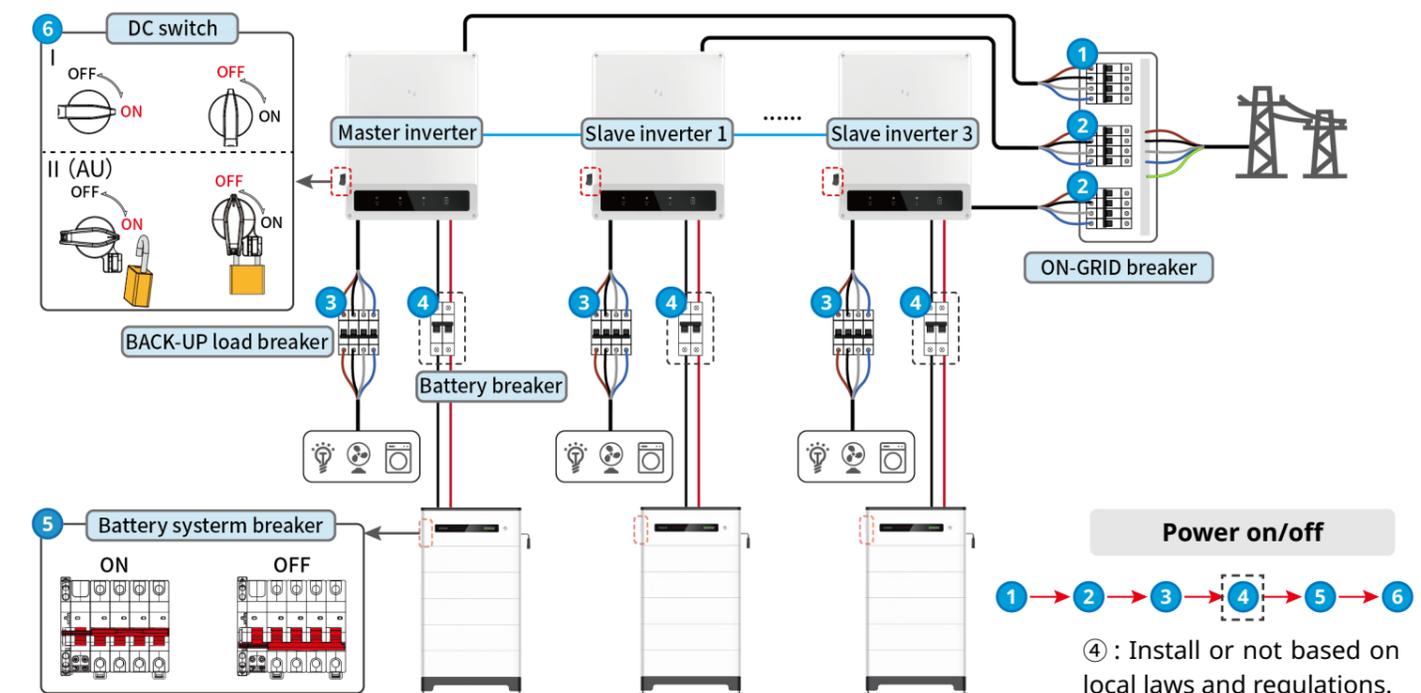


### Power on/off



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

### Parallel System



### Power on/off



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

03 Installations

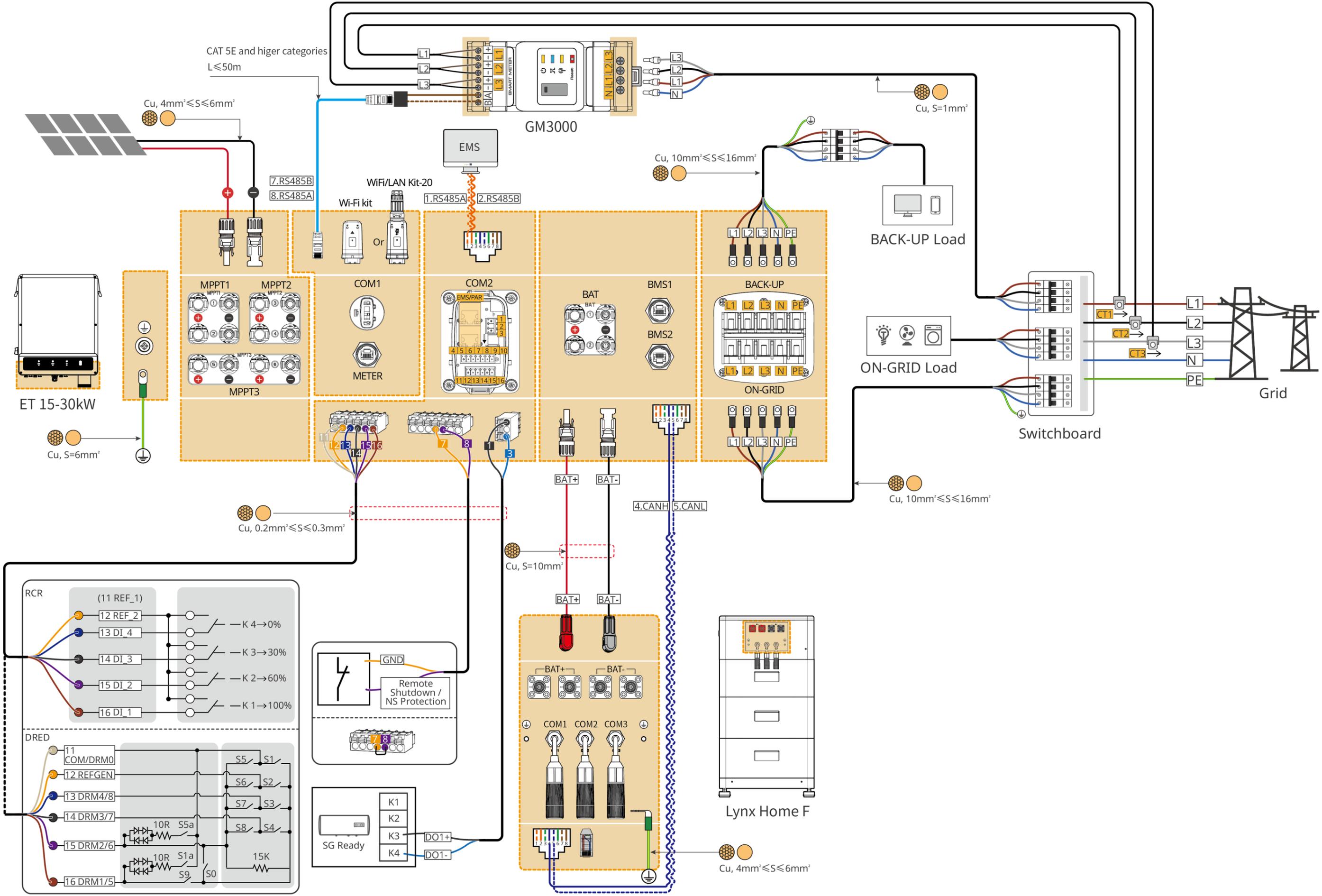
Steps	1 Installation	2 PE	3 PV	4 Battery	5 AC	6 COM	7 Communication module		
Inverter							Wi-Fi Kit	WiFi/LAN Kit-20	Ezlink3000
Tools	1 D: 80mm φ: 8mm  2 M5  1.2~2N·m 	M5  1.2~2N·m 	Recommend: PV-CZM-61100 	Recommend: YQK-70 	1 M5  2~3N·m  2 M6  3~4N·m 				

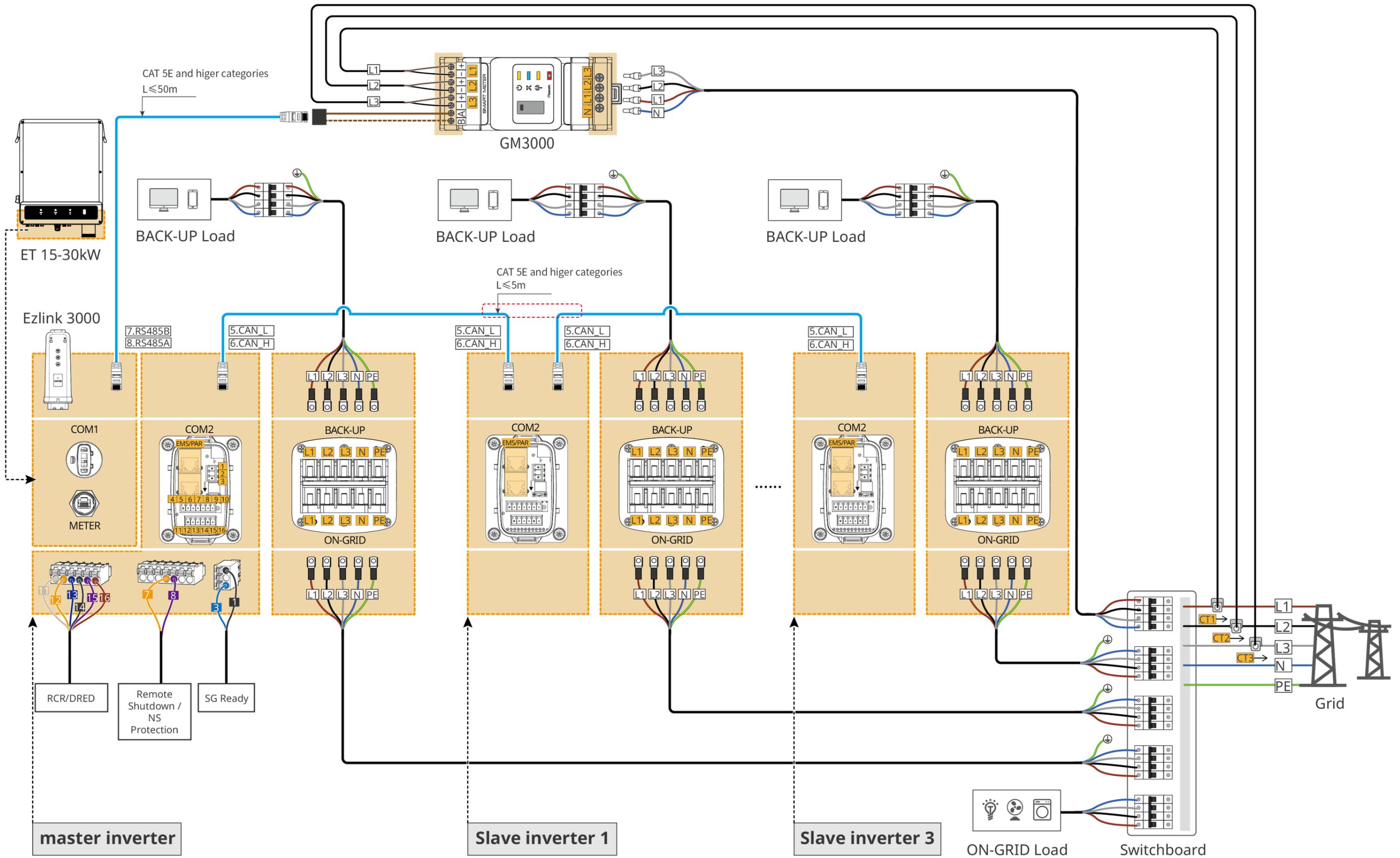
Steps	1 Installation			2 PE	3 Battery			4 COM
Battery	Lynx Home F (G2) 	Lynx Home F (G1) 	Lynx Home F (G1 Plus+) 		Lynx Home F (G2) 	Lynx Home F (G1) 	Lynx Home F (G1 Plus+) 	
Tools	<b>Ground</b> 1 2 3			M6  6~7N·m 	Recommend: YQK-70 			
	<b>Wall</b> 1 M5  4N·m  2 D: 80mm φ: 10mm  3 ST5.5  10N·m 							

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

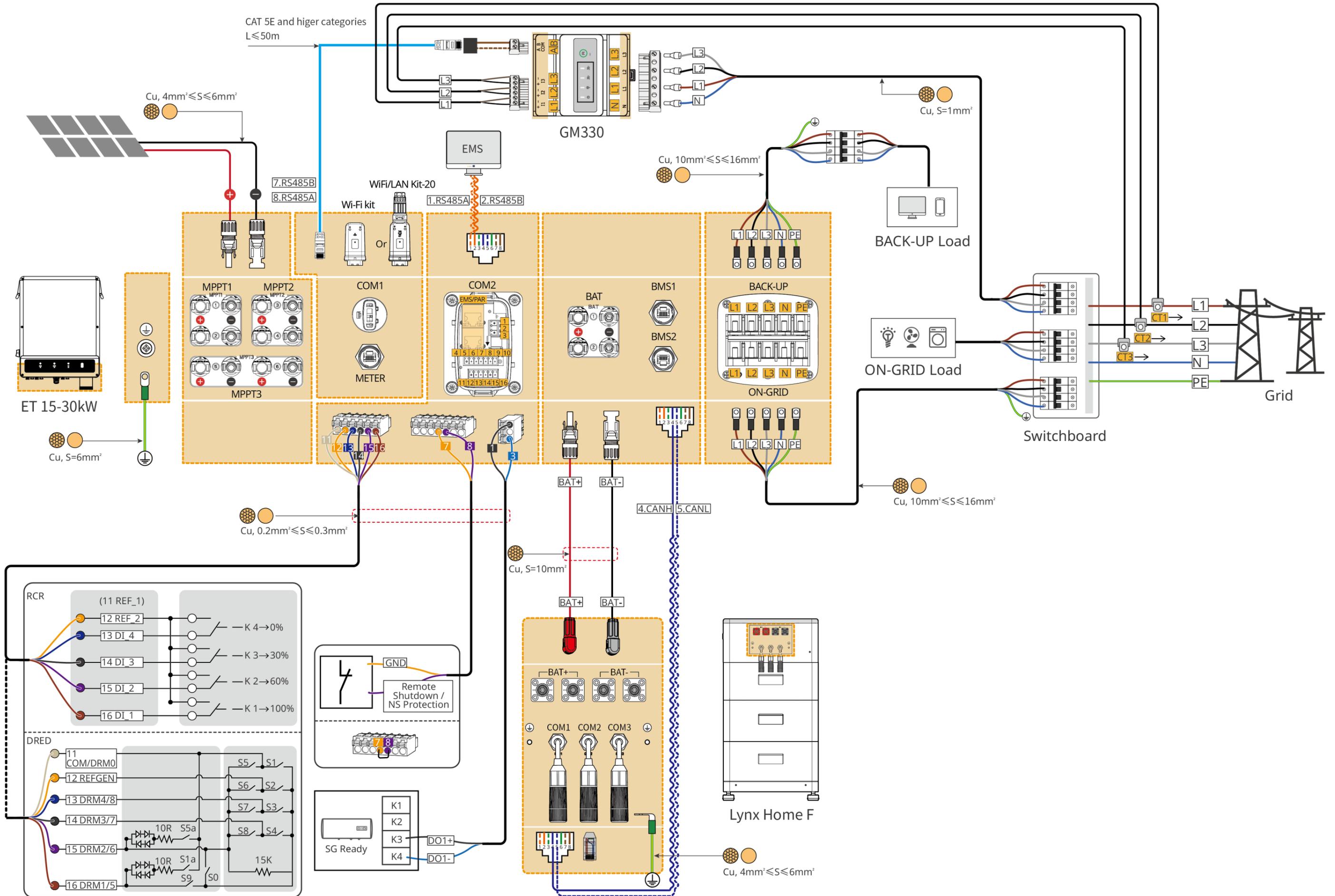
# 04 Wiring Diagram

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

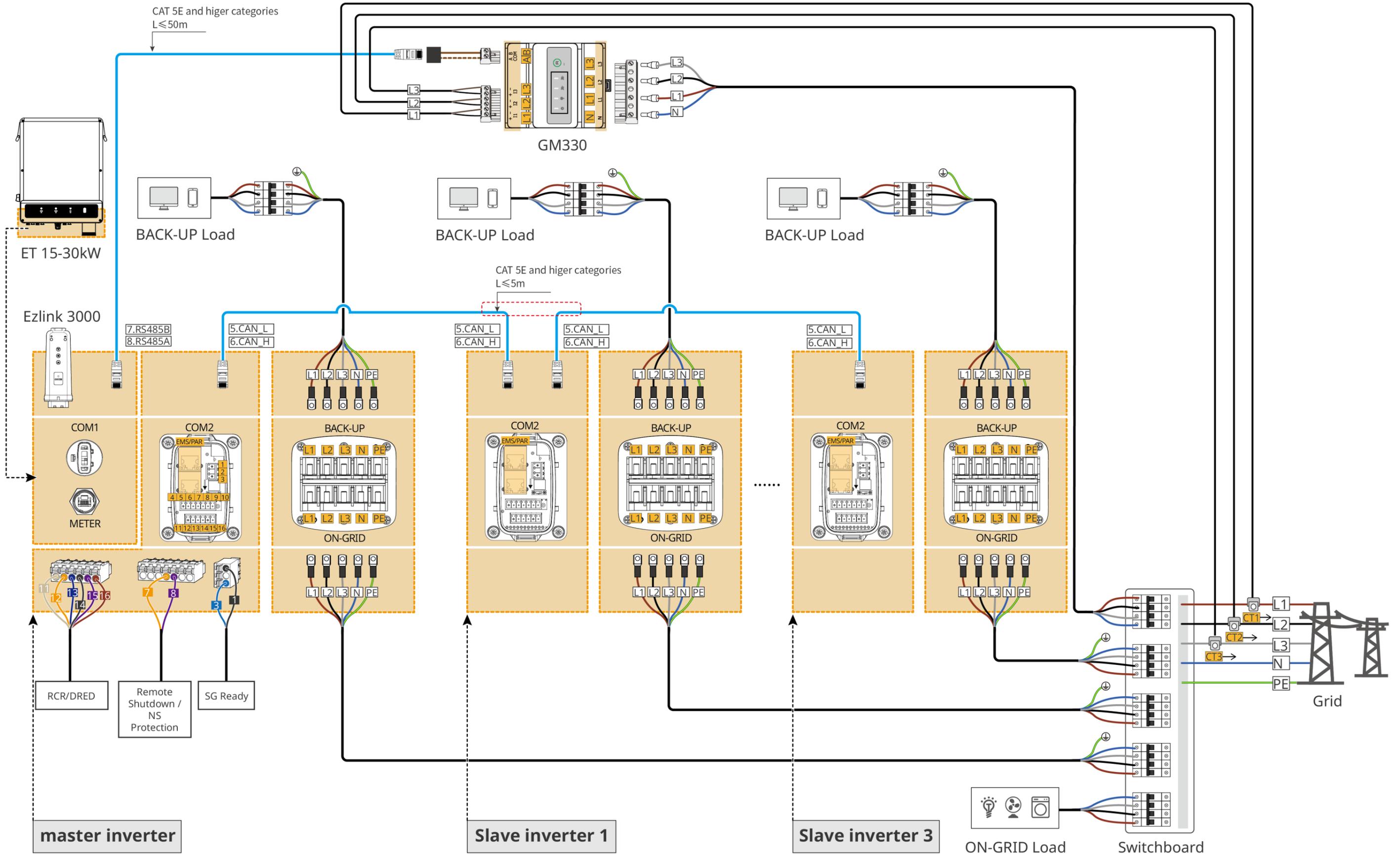




ET 15-30kW (single) + Lynx Home F + GM330 + WiFi/LAN

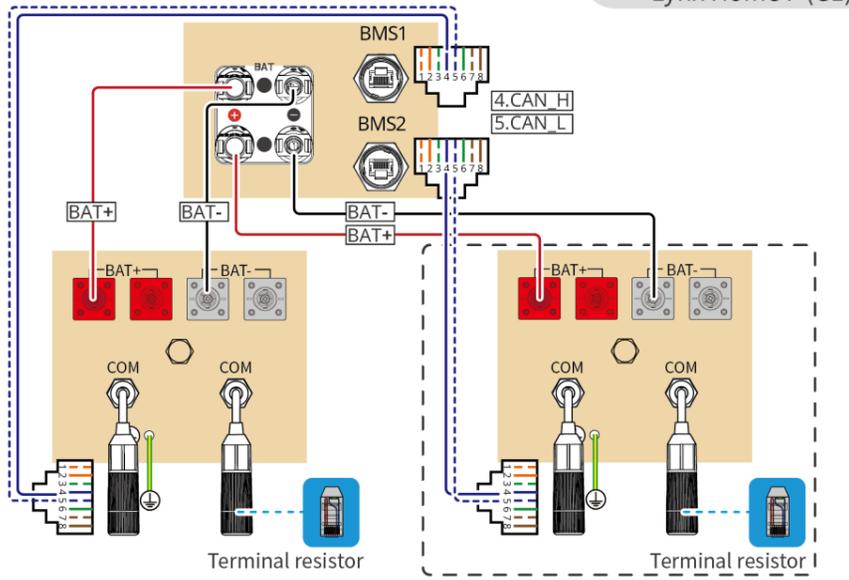


ET 15-30kW (parallel connected) + GM330 + Ezlink3000

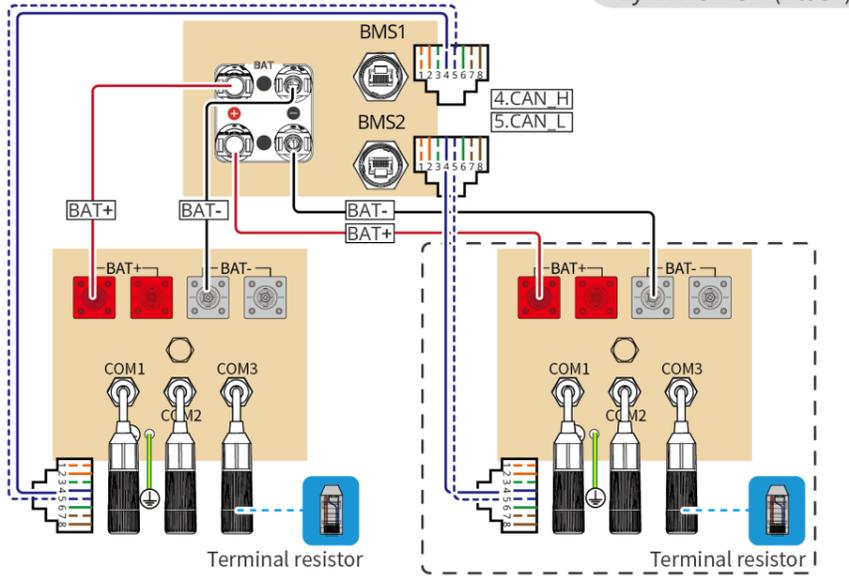


# Battery System Wiring Diagram

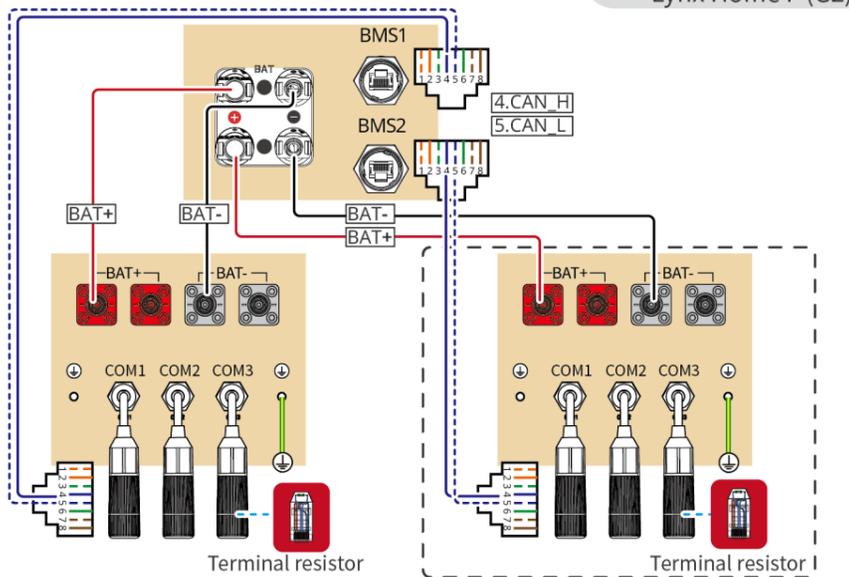
Lynx Home F (G1)



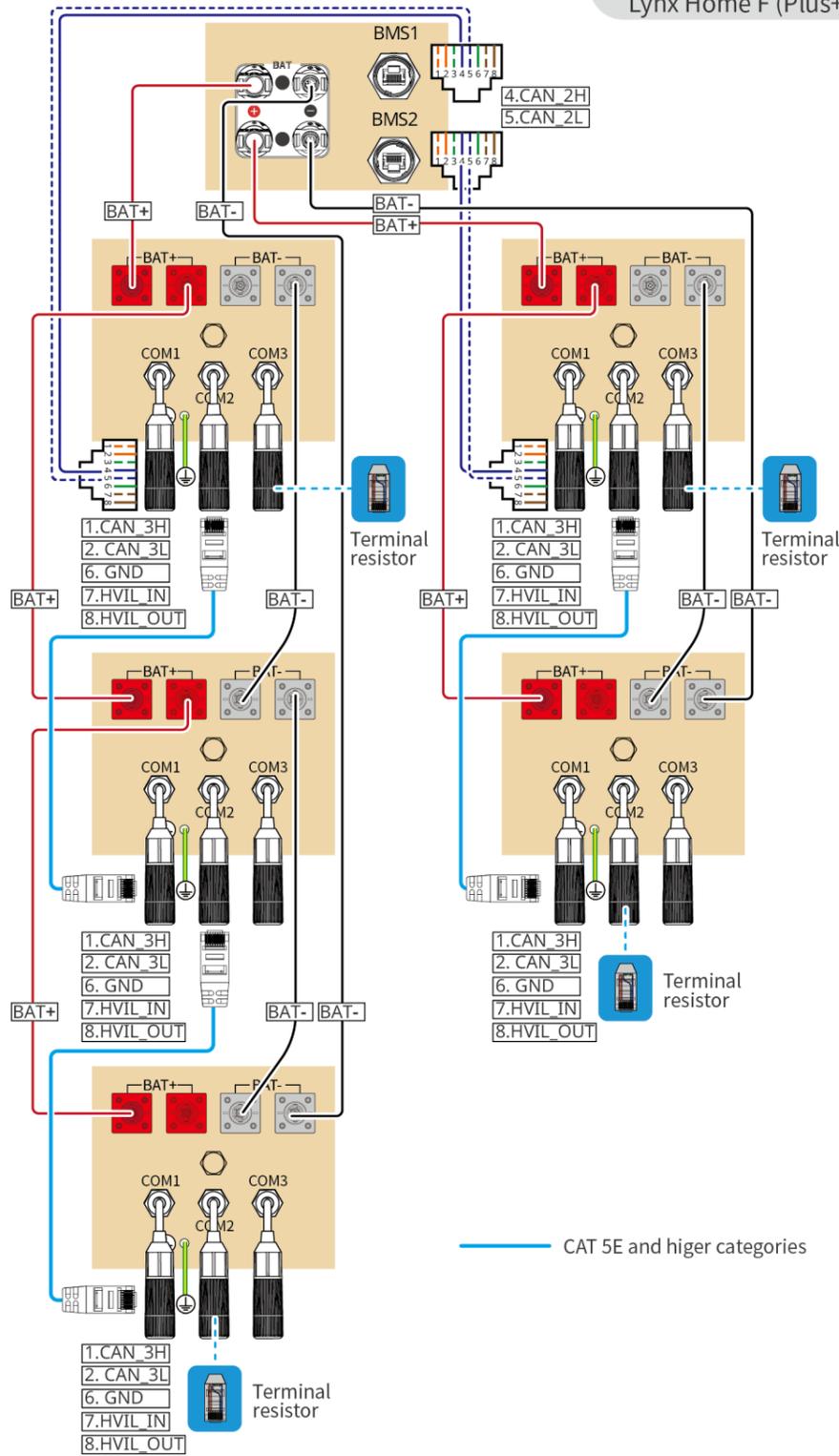
Lynx Home F (Plus+)



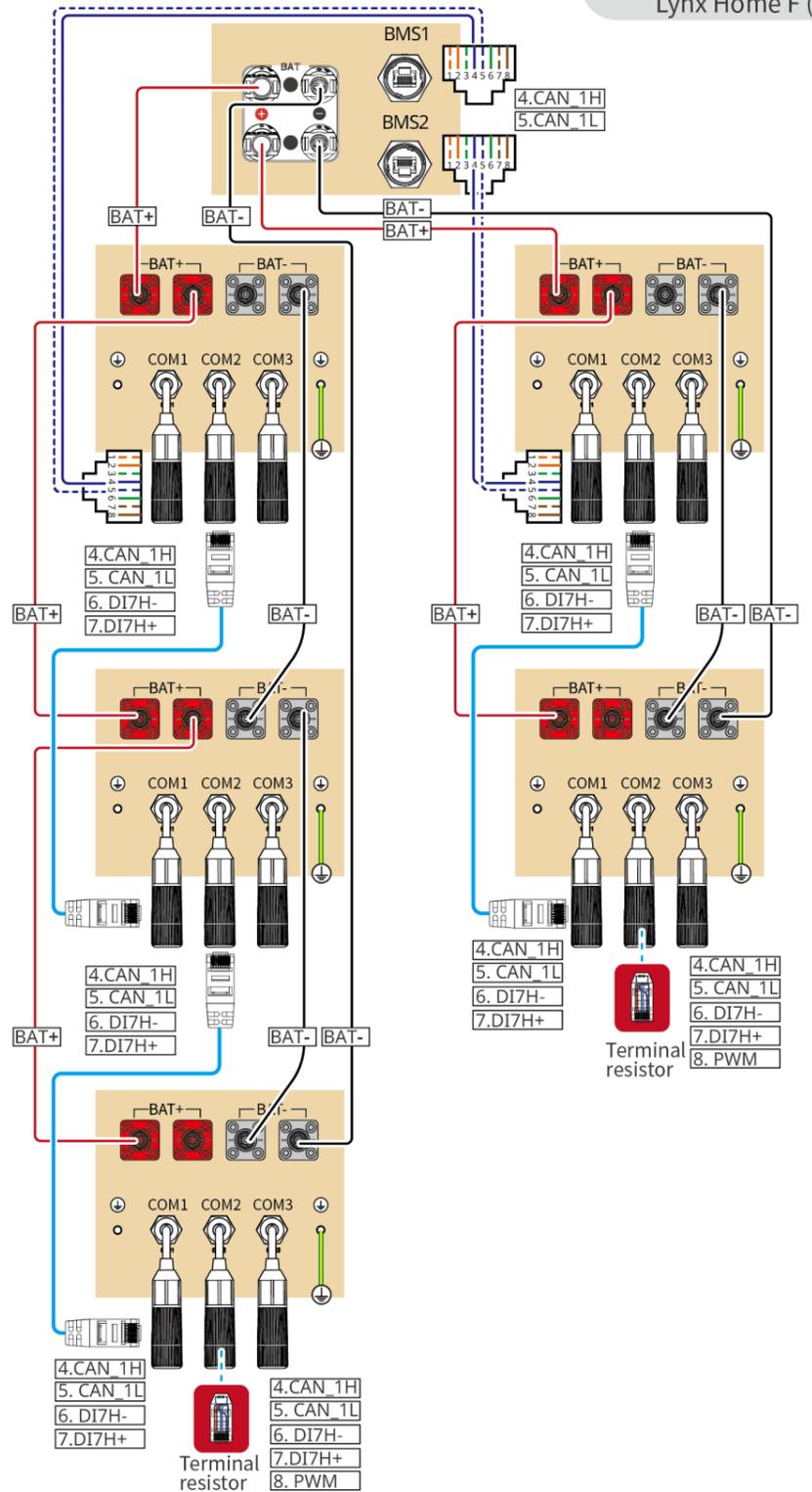
Lynx Home F (G2)



Lynx Home F (Plus+)



Lynx Home F (G2)



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

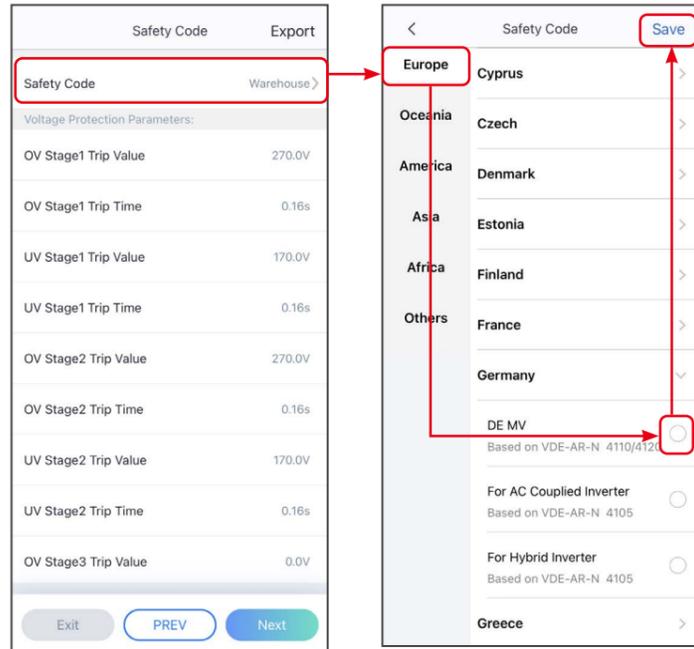


In parallel scenarios, the software version of SolarGo app should be 5.3.0 or above.  
Follow the prompts to connect the device.

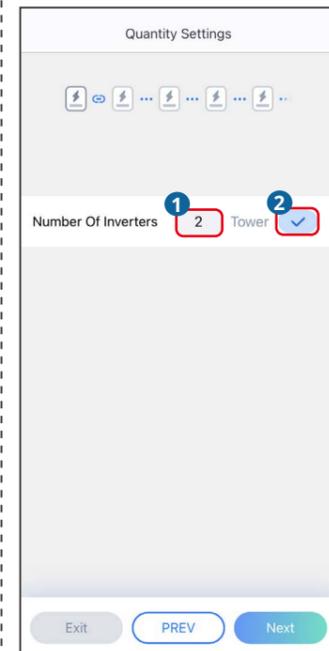
### Quick Settings

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

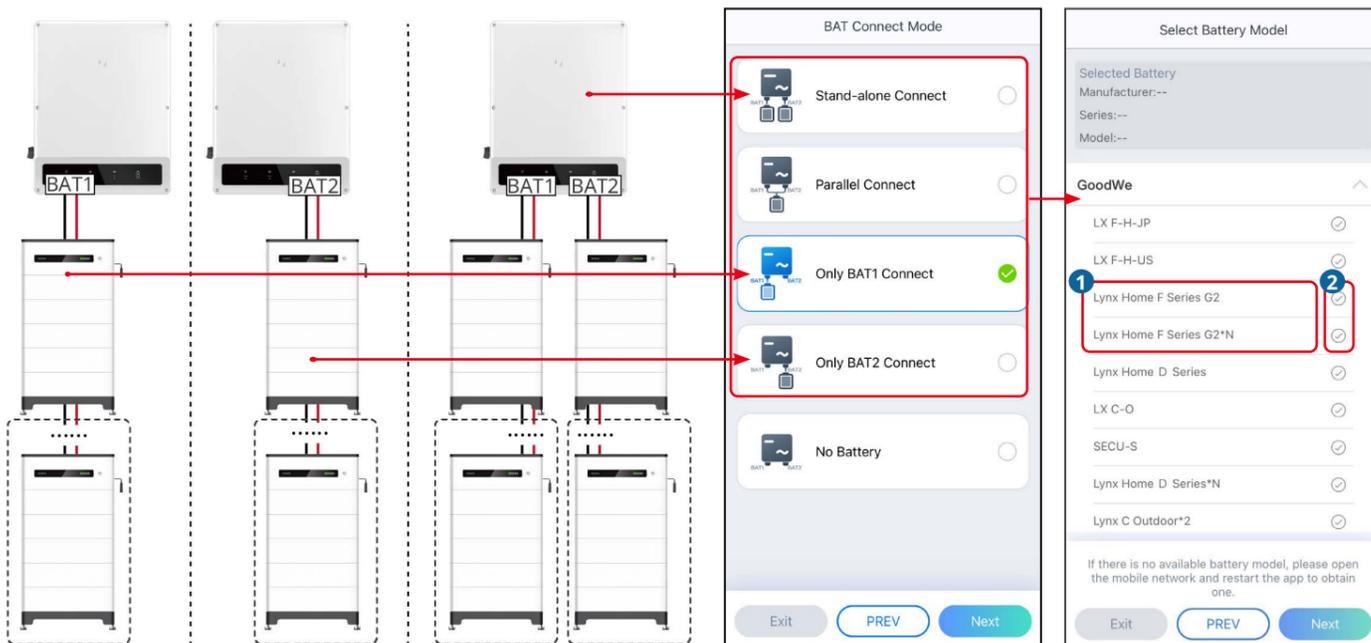
### Setting the Safety Code



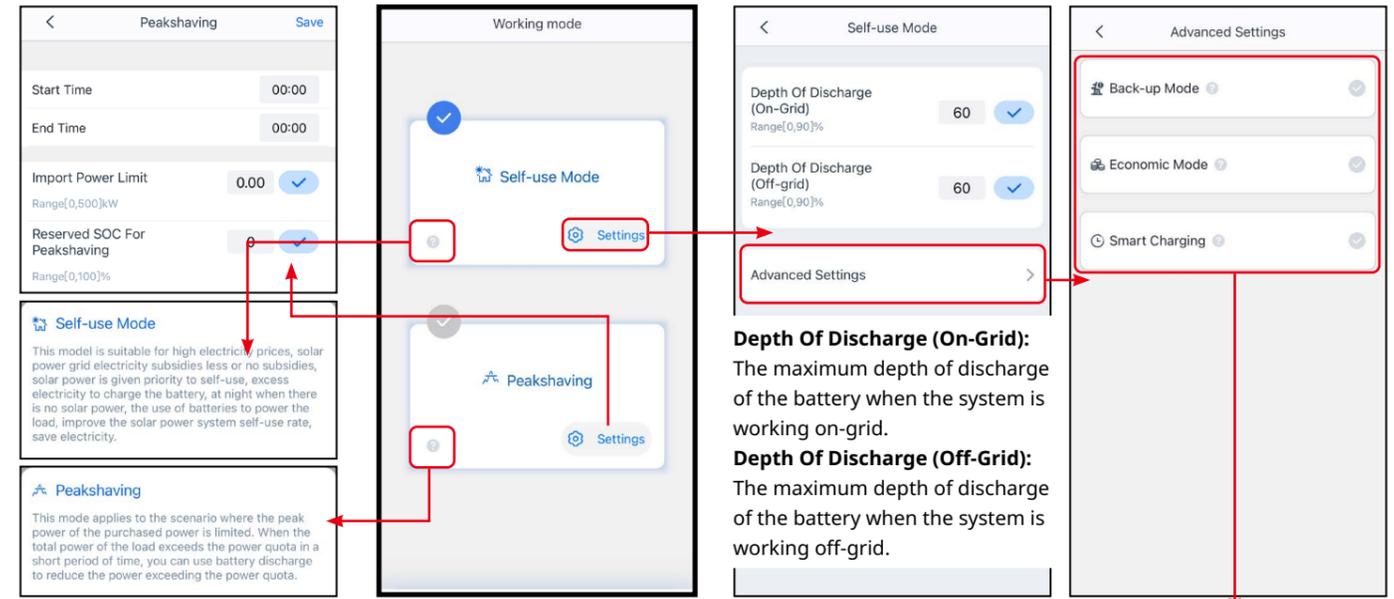
### Setting Inverter Quantity (Only For Parallel Connections)



### Setting the BAT Connect Mode



## Setting the Working Mode



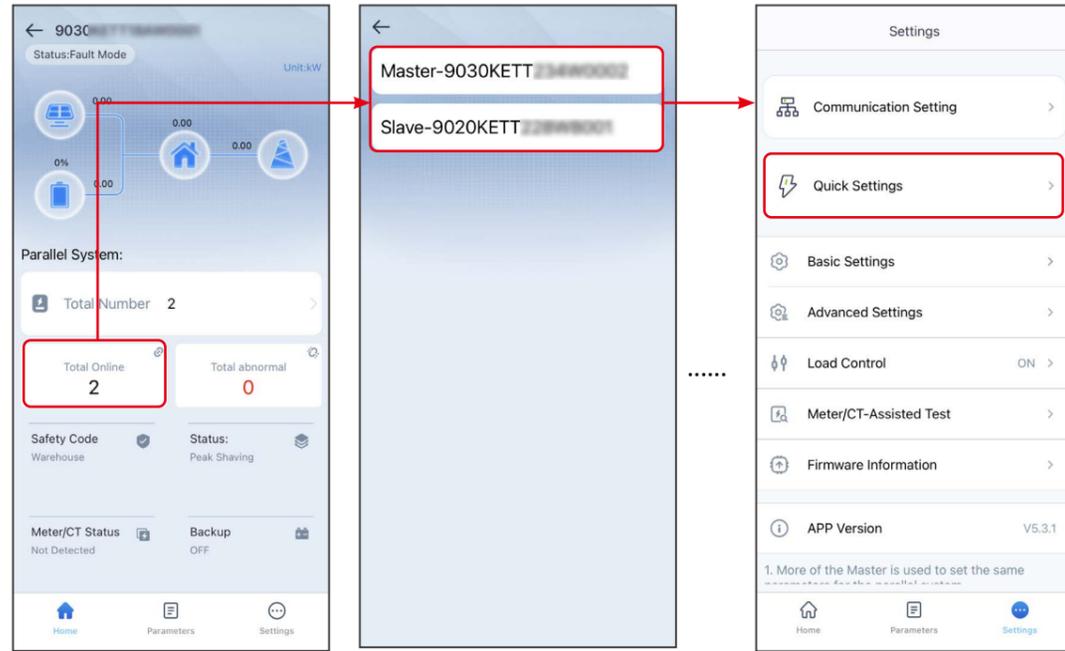
**Depth Of Discharge (On-Grid):**  
The maximum depth of discharge of the battery when the system is working on-grid.

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



## Setting Batteries Of Each Inverters (Only For Parallel Connections)

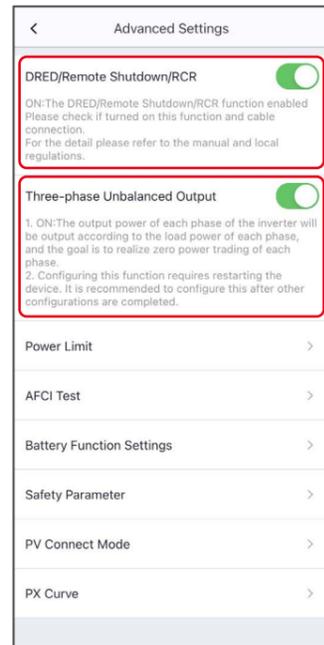
Follow the prompts to set the battery model and connection mode of each inverter.



## Setting the Advanced Parameters

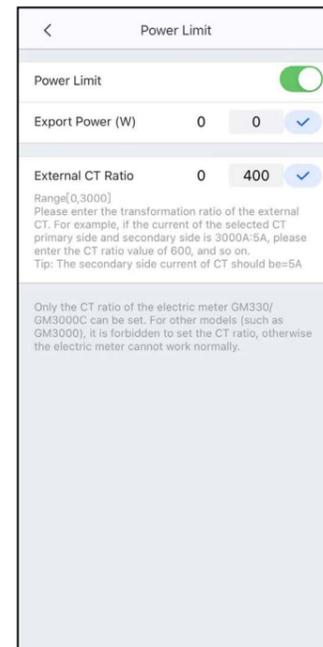
Tap Home > Settings > Advanced Settings to set the following functions.

### 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.

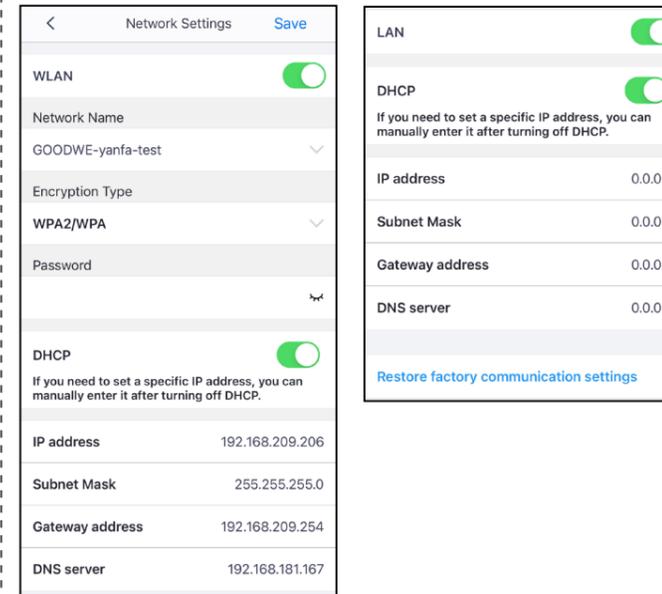
### Setting the Power Limit Function



## Configuring the Network

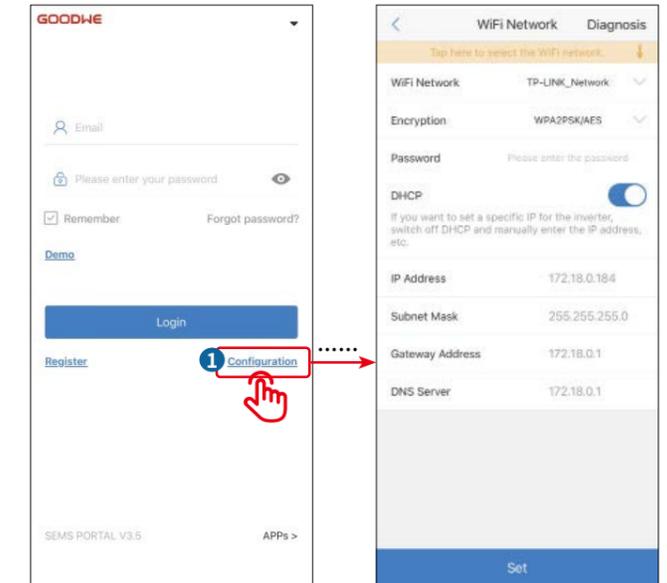
### Method I (RECOMMENDED): SolarGo app

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



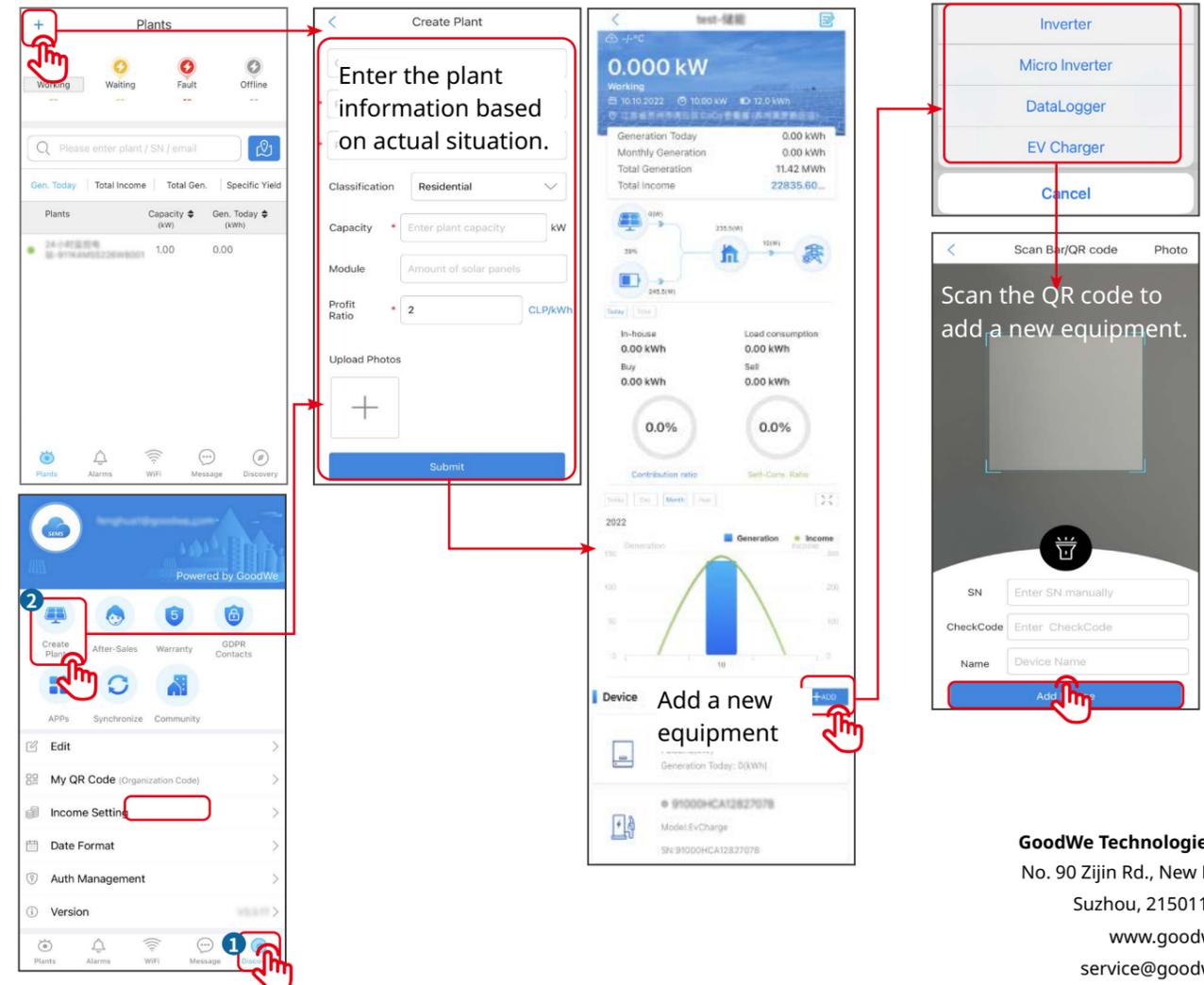
### Method II: SEMS Portal app

Follow the prompts to configure the network.



## Creating a Power Plant

Create power plants and add equipments via SEMS Portal app.



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