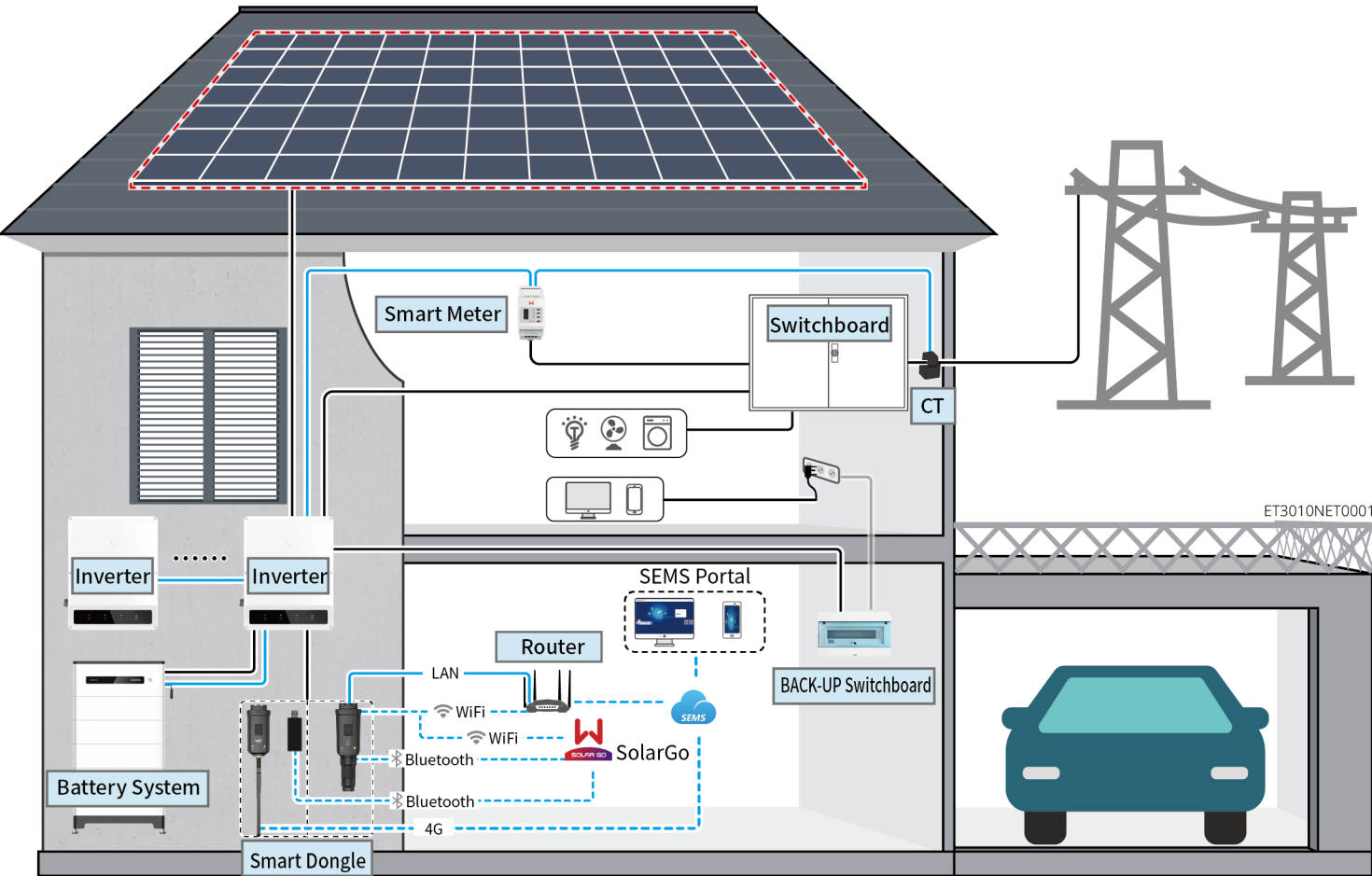


WARNING

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.

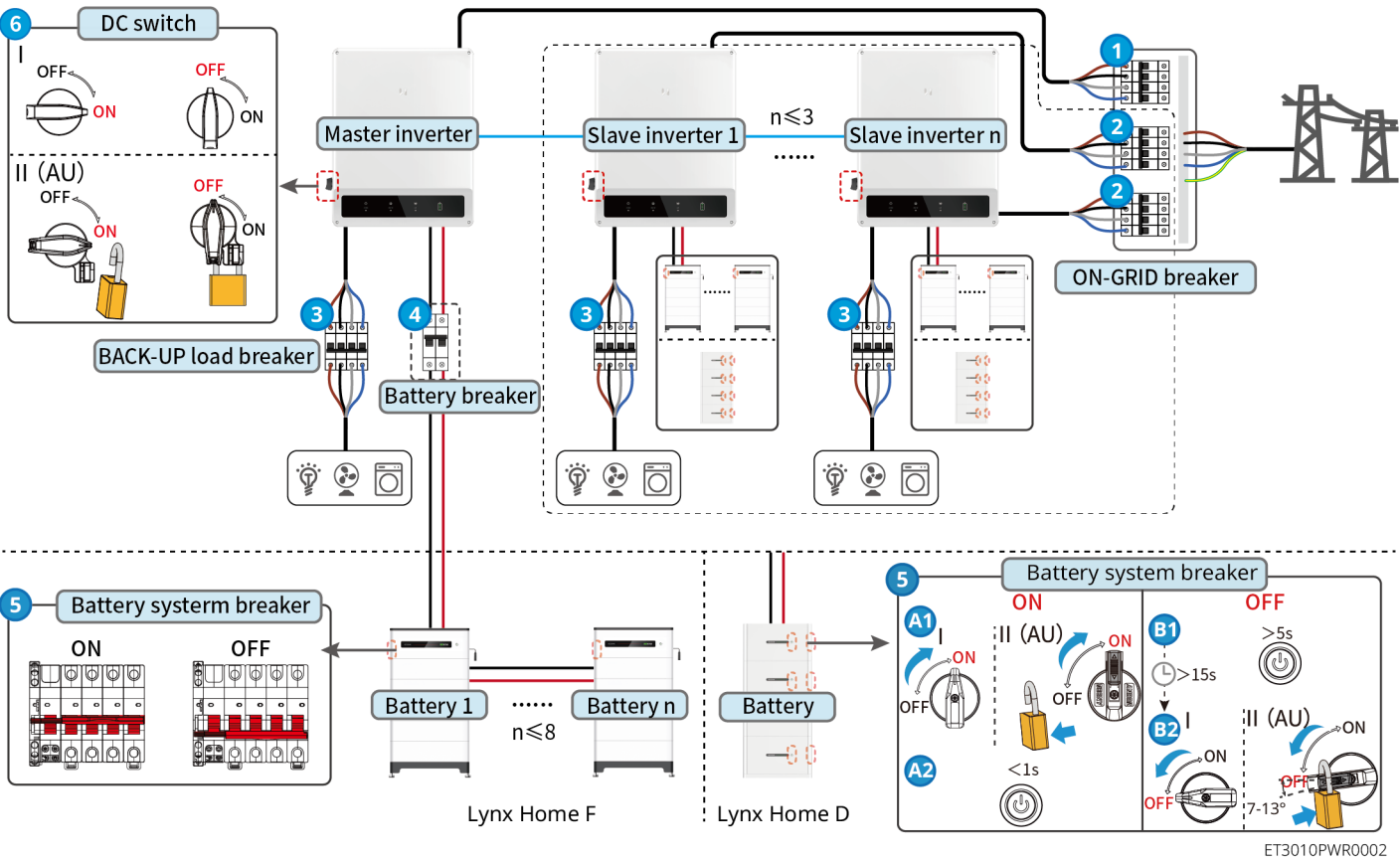
01 Networking



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-20 LX F16.0-H-20 LX F19.2-H-20 LX F22.4-H-20 LX F25.6-H-20 LX F28.8-H-20	Lynx Home F (G1) Lynx Home F (G1 Plus+) LX F6.6-H LX F9.8-H LX F13.1-H LX F16.4-H	Lynx Home D LX D5.0-10	<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>

Device	Model	Description
Smart Meter	GM3000 GM330	<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>
Smart Dongle	WiFi/LAN Kit-20 Wi-Fi Kit Ezlink3000	<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

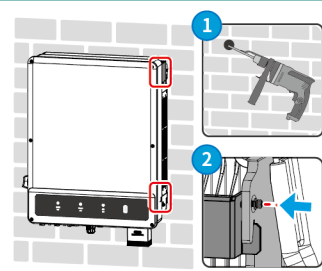
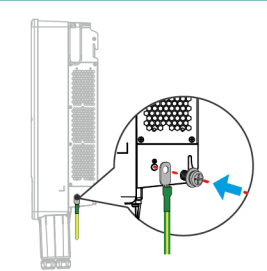
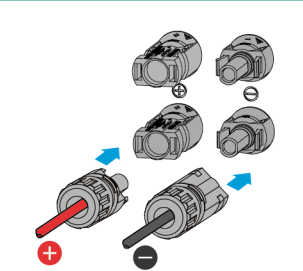
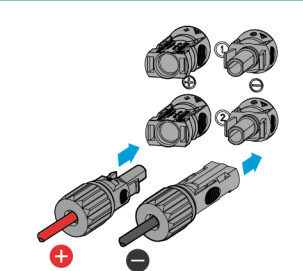
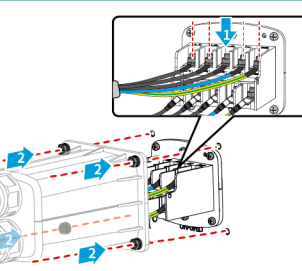
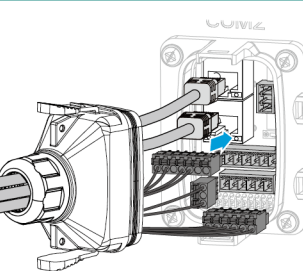

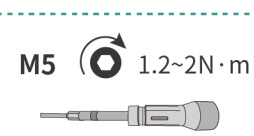

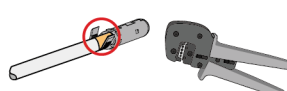
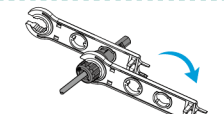
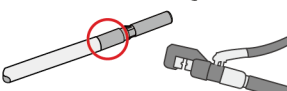
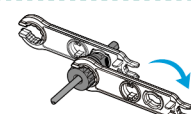

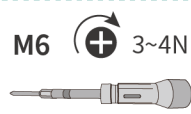
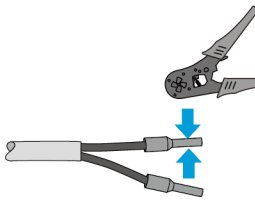
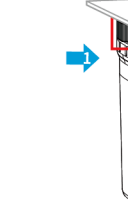
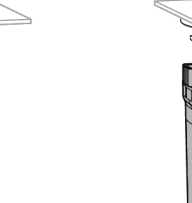



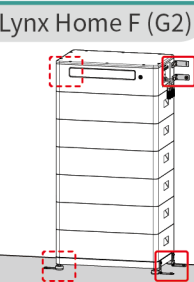
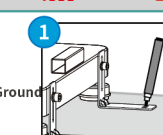
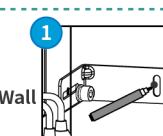
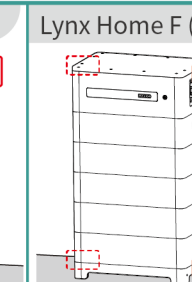
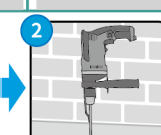
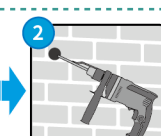
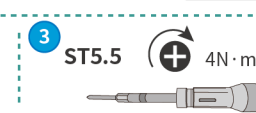

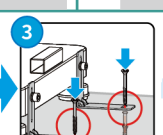
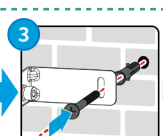
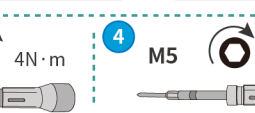
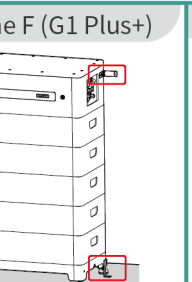


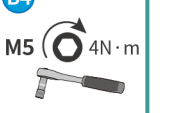


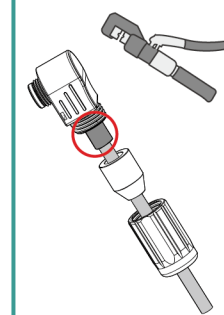
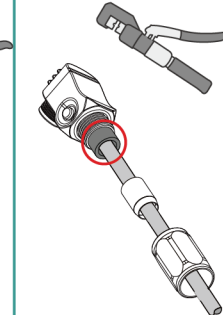
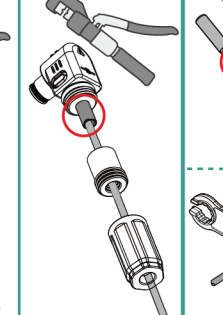
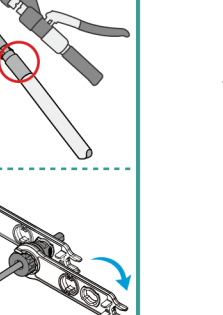
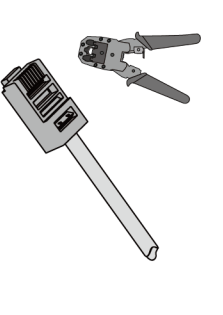

Power on/off



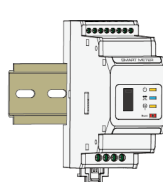
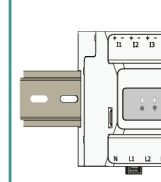
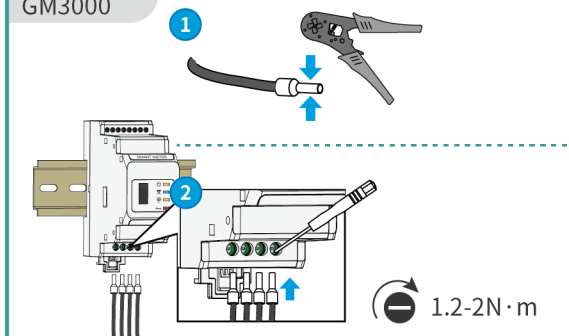
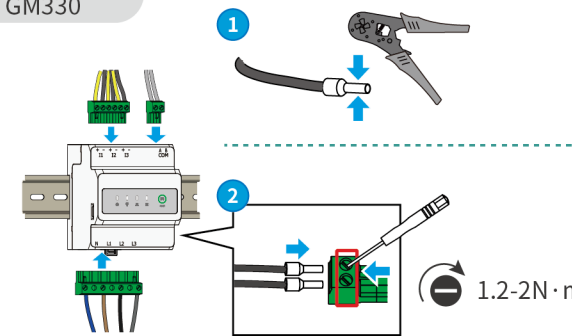
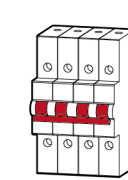





④ : Install or not based on local laws and regulations.

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				

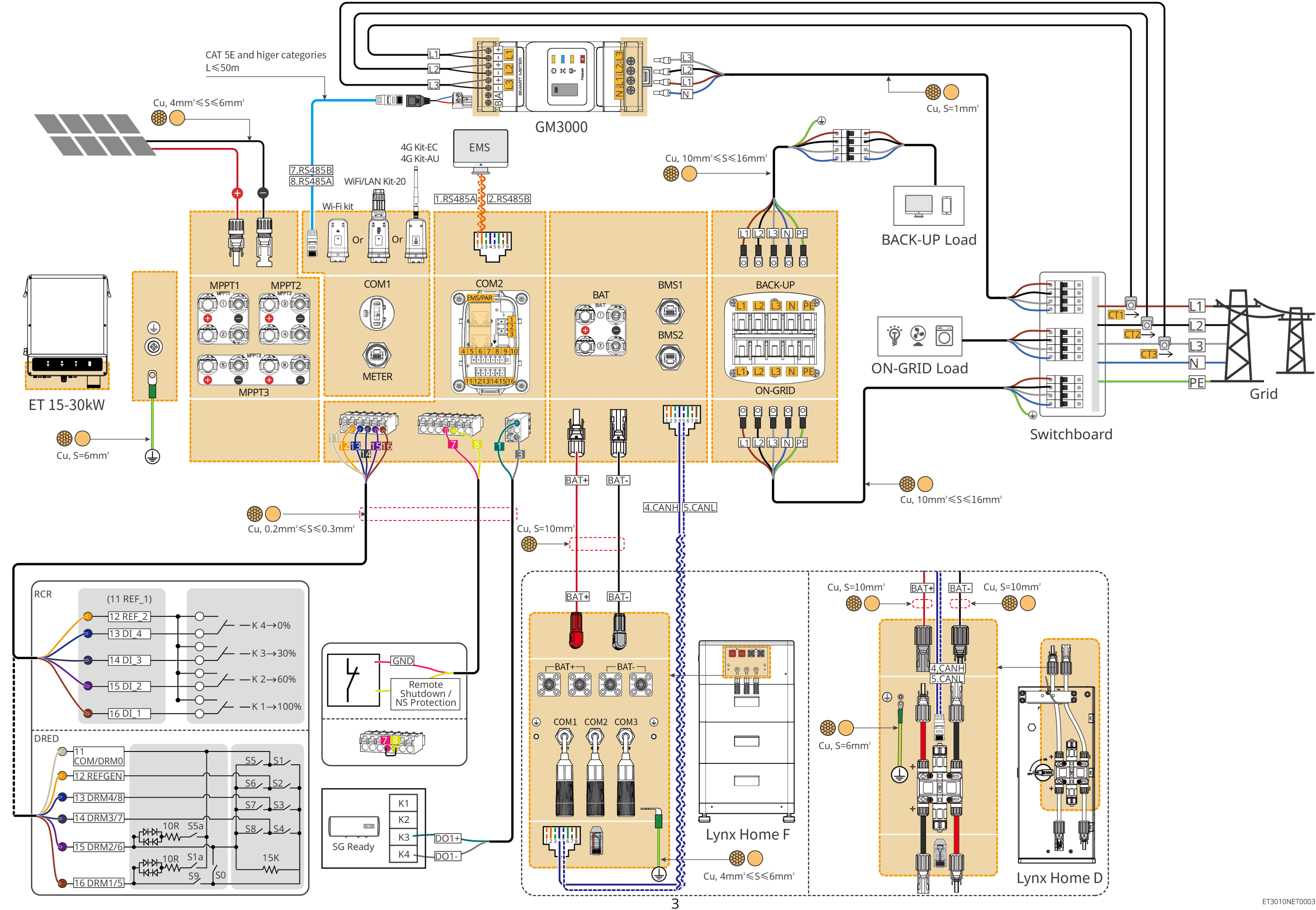
Steps	1 Installation				2 PE	3 Battery				4 COM		
Battery	Lynx Home F (G2)	Lynx Home F (G1)	Lynx Home F (G1 Plus+)	Lynx Home D	Lynx Home F	Lynx Home D	Lynx Home F (G2)	Lynx Home F (G1)	Lynx Home F (G1 Plus+)	Lynx Home D	Lynx Home F	Lynx Home D
Tools	 1 Ground  2 Wall  D: 80mm φ: 10mm	 1  2  3 ST5.5  4N·m	 1  2  3 M5  4N·m	 1 A1 B1 A2 B2 A3 B3 A4 B4 D: 60mm φ: 15mm M12  45N·m B1 D: 60mm φ: 8mm M6  5N·m B2 B3 M5  4N·m	M6  6~7N·m M5  4N·m	Recommend: YQK-70 	Recommend: YQK-70 	Recommend: YQK-70 	Recommend: YQK-70 			

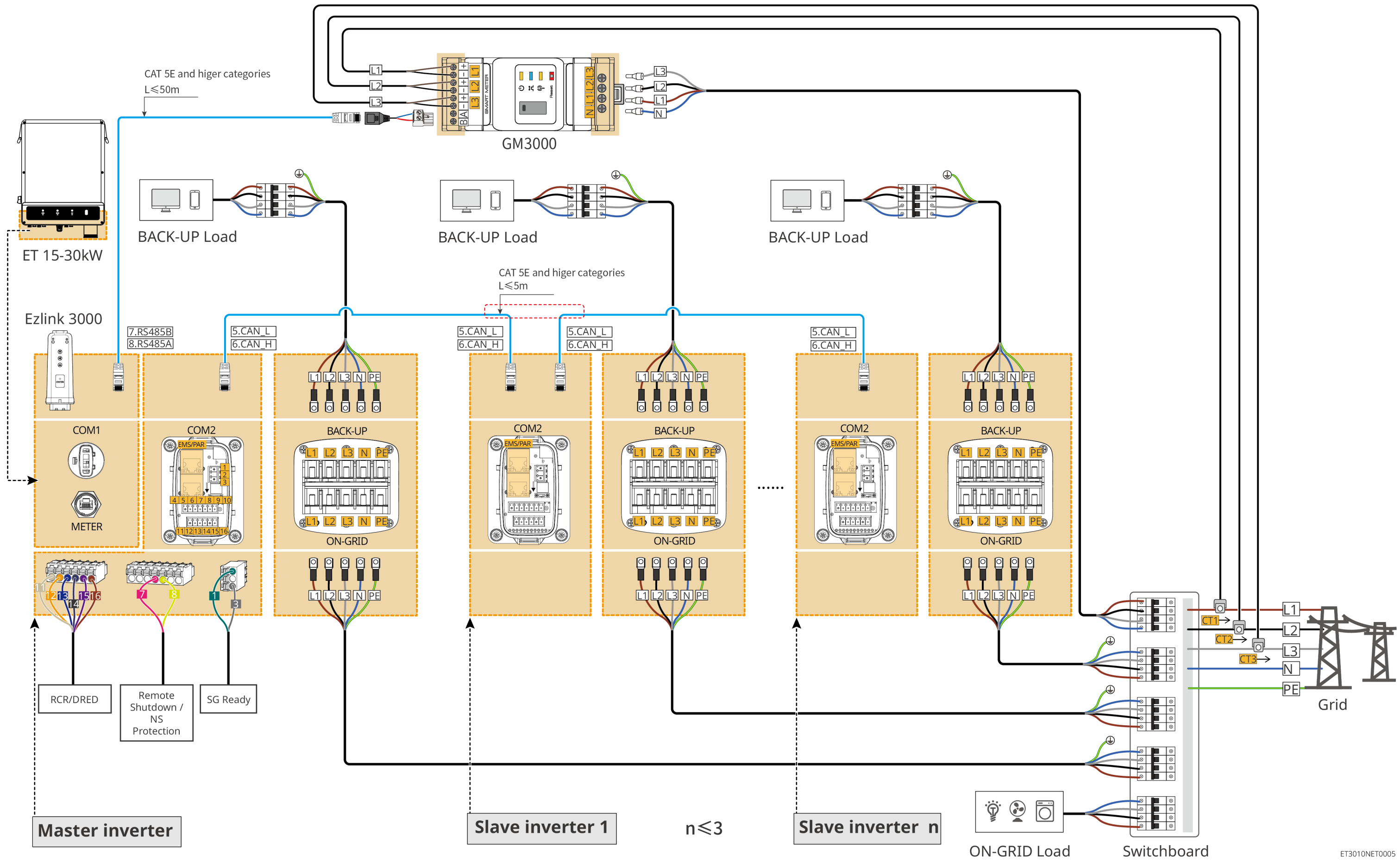
Steps	1 Installation		2 Cable Connections		3 Power	4 Commissioning	
Smart meter	GM3000	GM330	GM3000	GM330	AC breaker	 SolarGo APP	 SEMS Portal APP or SEMS Portal WEB
			 1.2~2N·m	 1.2~2N·m			 or 



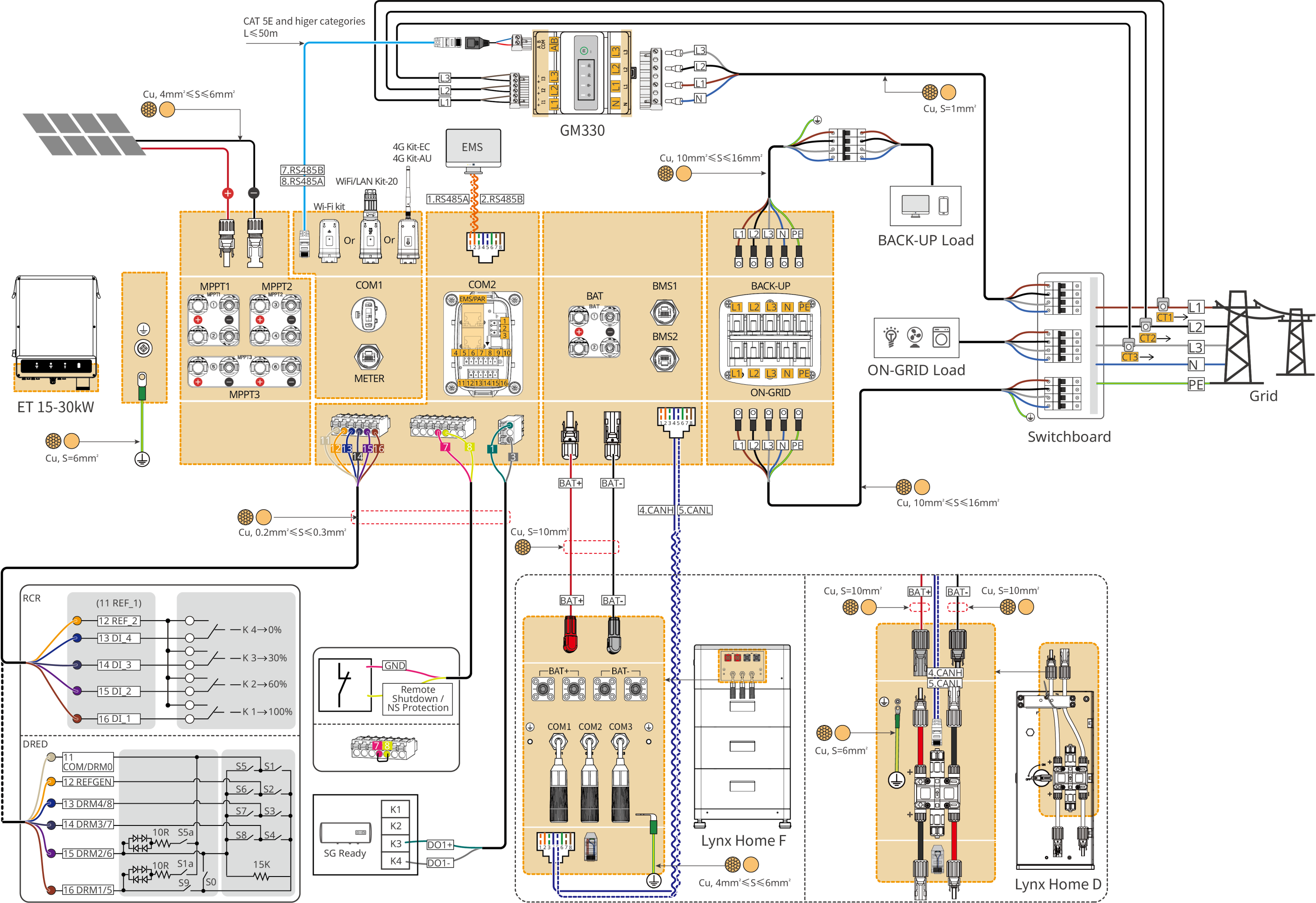
04 Wiring Diagram

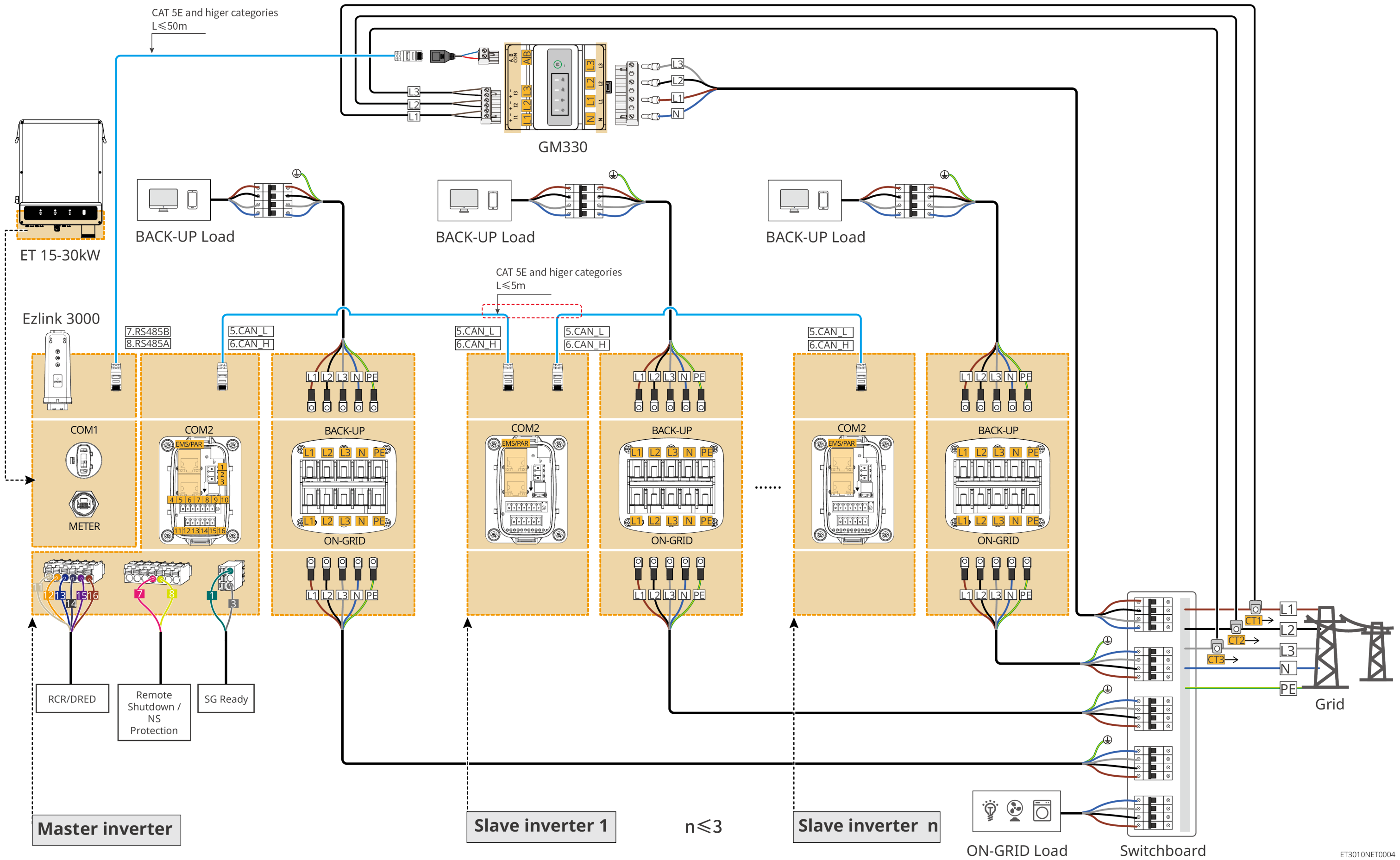
ET 15-30kW (single) + Lynx Home F or Lynx Home D + GM3000 + WiFi/LAN/4G



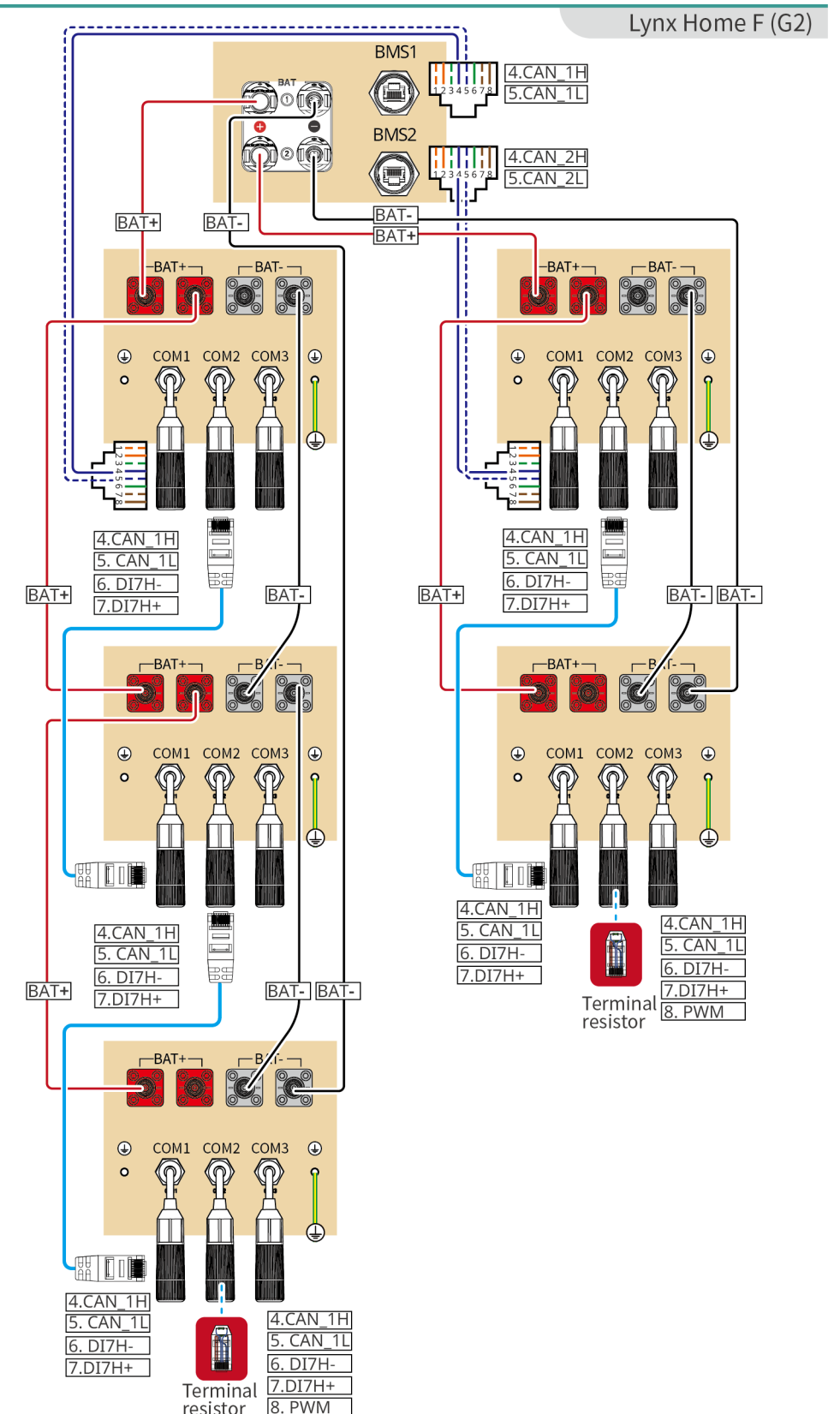
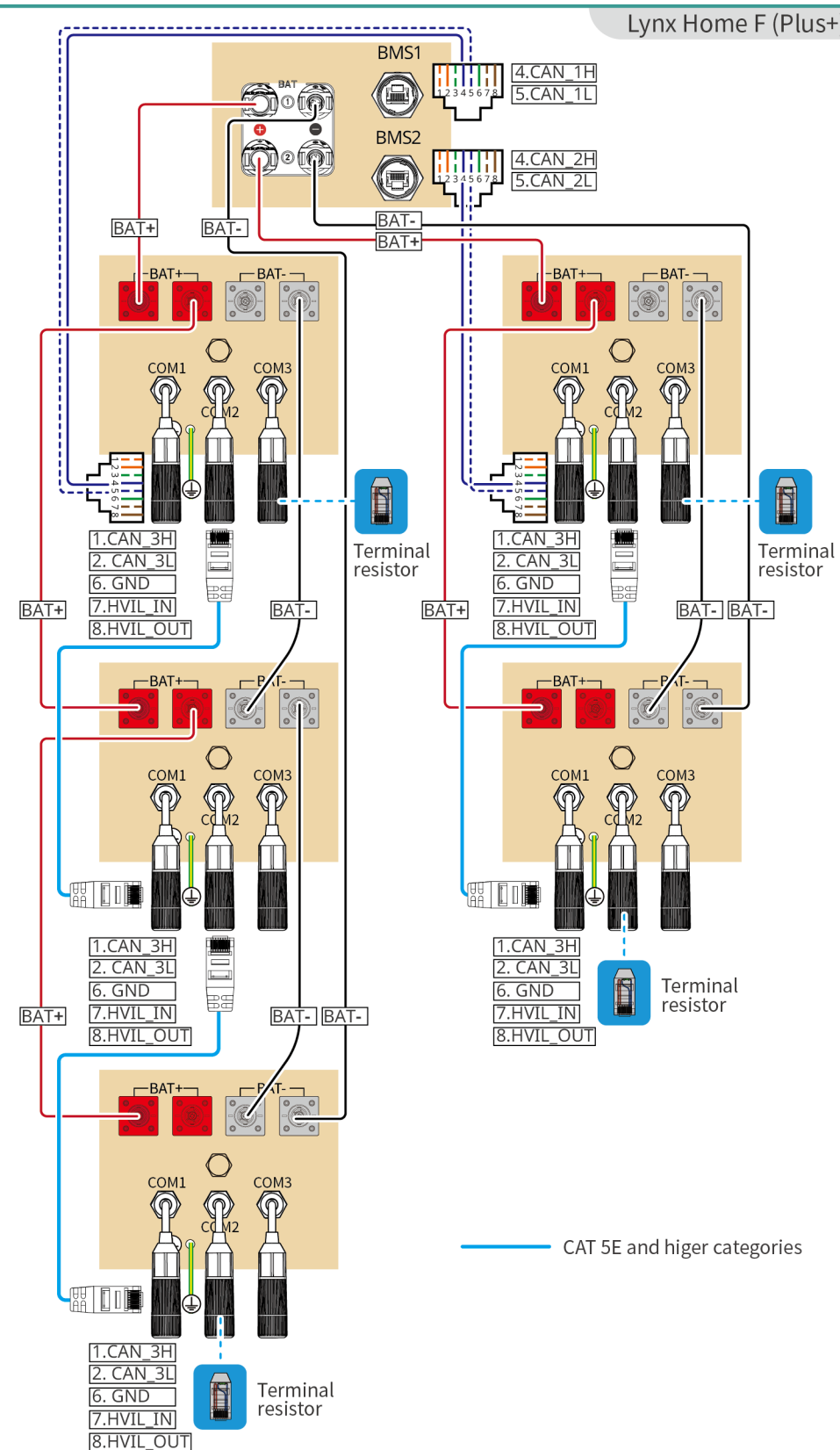
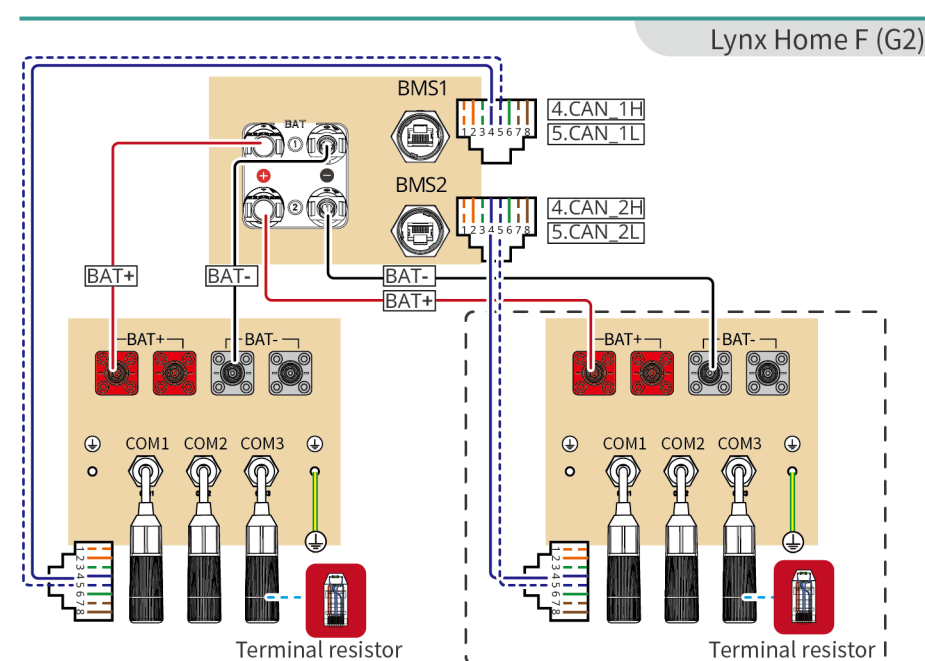
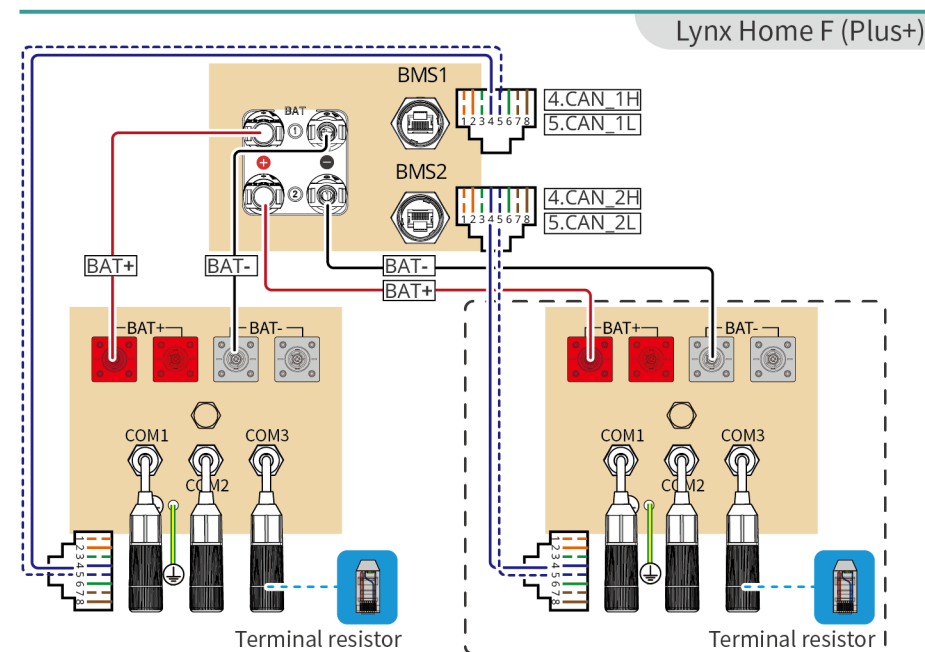
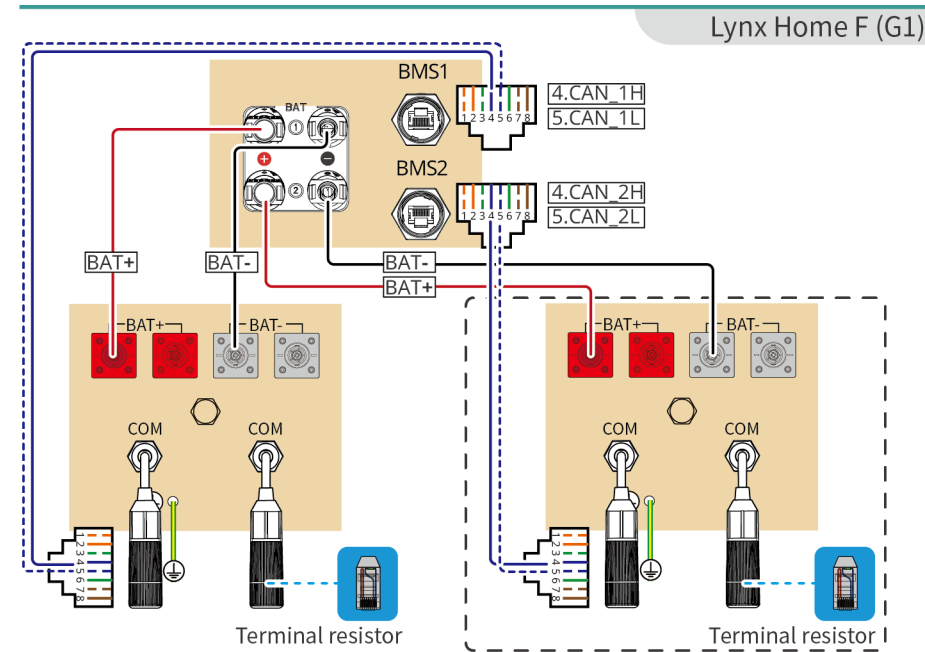






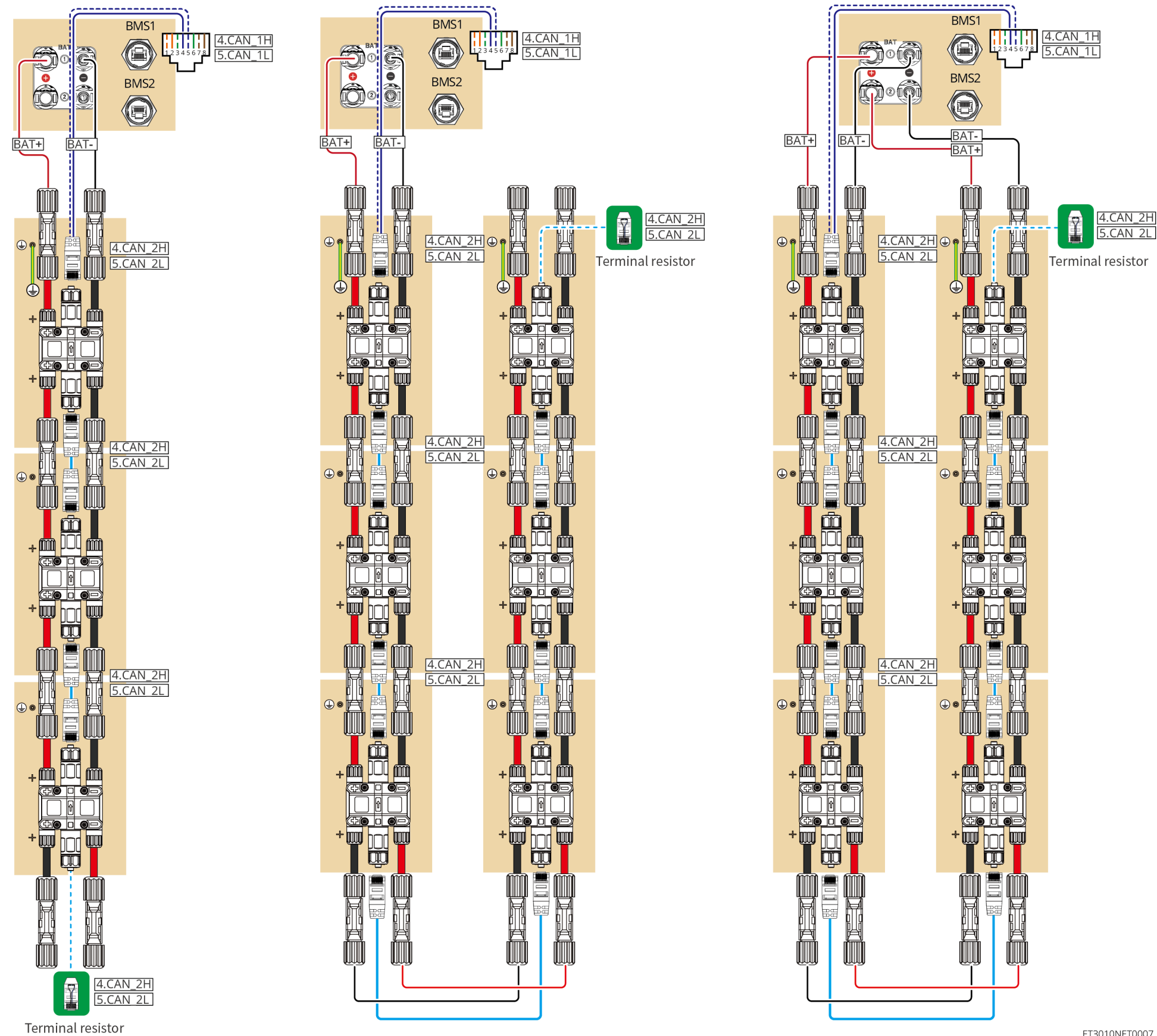


## Battery System Wiring Diagram



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 their values. A red box highlights the 'Safety Code' header, and a red arrow points from it to the 'Europe' region selected in the adjacent screen.

Safety Code	Export
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

Navigation buttons: Exit, PREV, Next

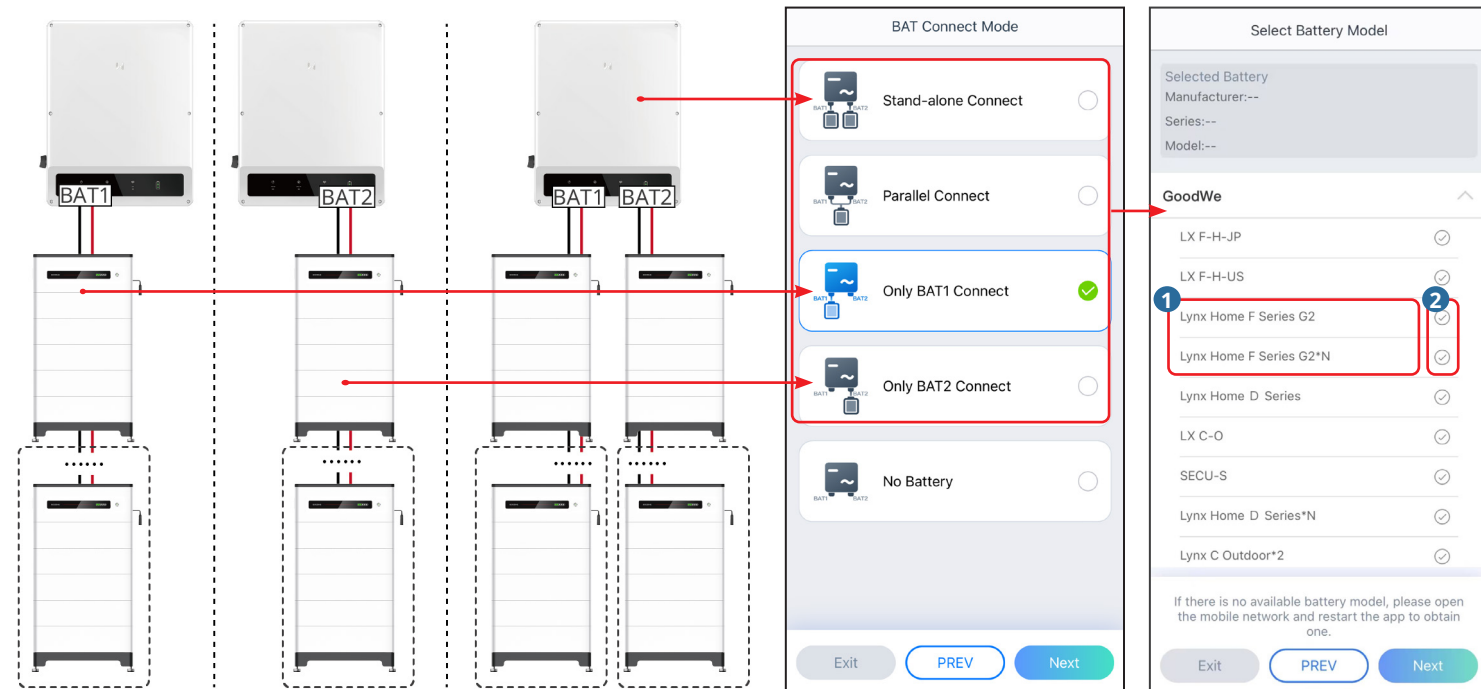
### Setting Inverter Quantity (Only For Parallel Connections)

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 'Energy Storage' app, illustrating the configuration of the 'Self-use Mode'.

**Screenshot 1: Peakshaving Settings**  
 - **Start Time:** 00:00  
 - **End Time:** 00:00  
 - **Import Power Limit:** 0.00 (Range[0,500]kW)  
 - **Reserved SOC For Peakshaving:** 0 (Range[0,100]%)

**Screenshot 2: Working mode Selection**  
 - **Self-use Mode** (Selected)  
 - **Peakshaving**

**Screenshot 3: Self-use Mode Settings**  
 - **Depth Of Discharge (On-Grid):** 60 (Range[0,90]%)  
 - **Depth Of Discharge (Off-grid):** 60 (Range[0,90]%)  
 - **Advanced Settings** (Button)

**Screenshot 4: Advanced Settings**  
 - **Back-up Mode:** Enabled  
 - **Economic Mode:** Enabled  
 - **Smart Charging:** Enabled

**Screenshot 5: Self-use Mode Settings (Revisited)**  
 - **Advanced Settings** (Button)

**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.

**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** (checked)

**Charging From Grid** (checked)

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** (unchecked)

**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** (checked)

Battery Working Mode Group1  
Charge Power: 50.0 % SOC: 98%  
00:00-07:00 (checked)  
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**

Battery Working Mode Group2  
Discharge Power: 60.0 %  
08:00-16:00 (checked)  
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** (checked)

Smart Charging Month  
Peak Limiting Power: 0.0 (checked)  
Peak limiting power must be lower than power limit value. Range: 0,100]%

**Switch To Charge** (checked)  
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**

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

**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**

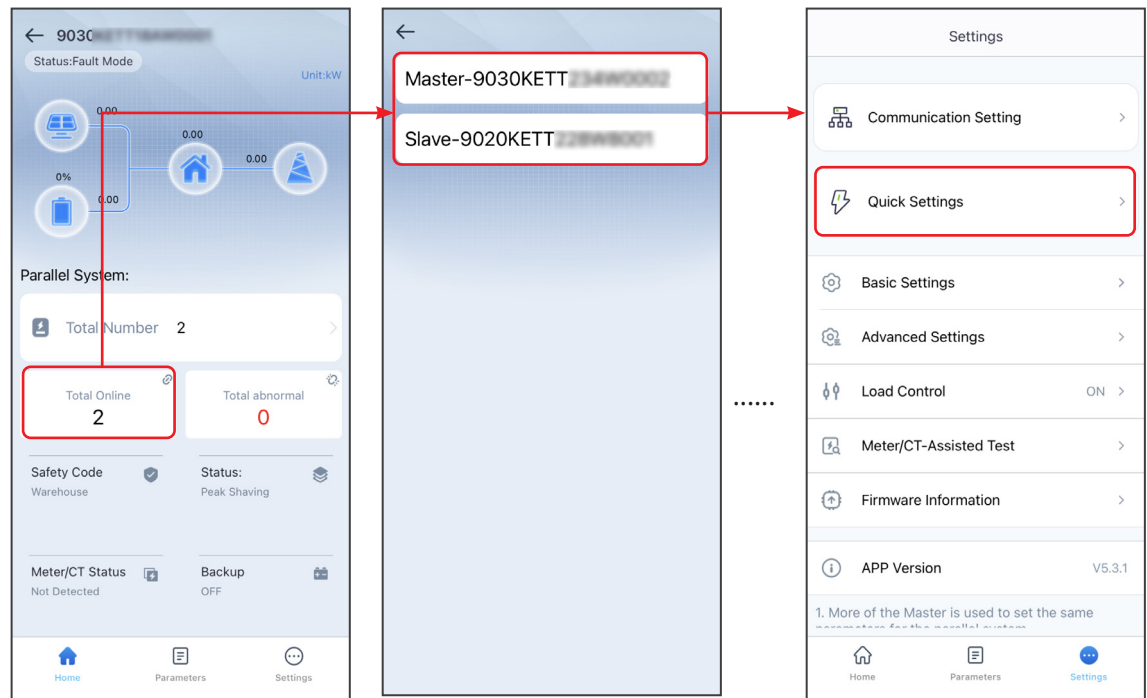
For some areas with peak limiting power, the excess energy of PV which exceed grid connection limitation can be used for charging battery, minimize the PV energy waste.

**Switch to charge: Close** PV < Peak limiting power



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

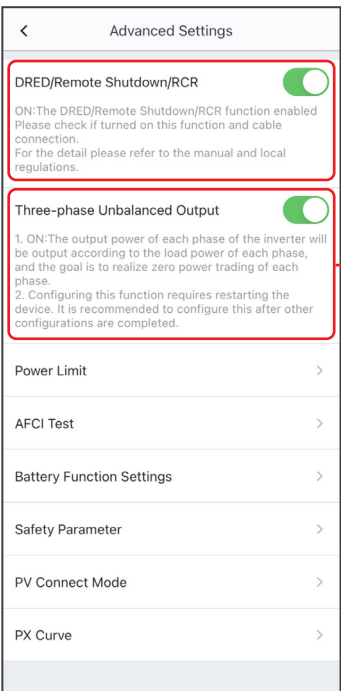
Follow the prompts to set the battery model and connection mode of each inverter.



### Setting the Advanced Parameters

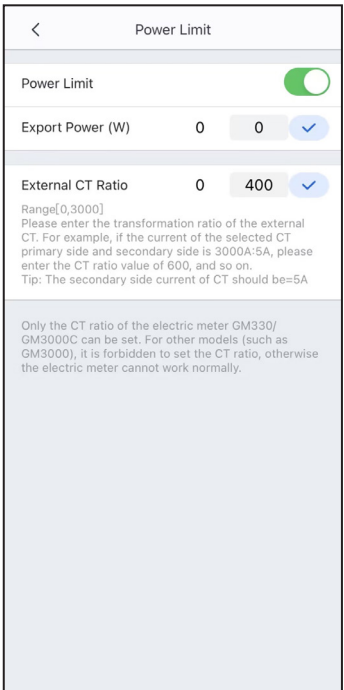
Tap Home > Settings > Advanced Settings to set the following functions.

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



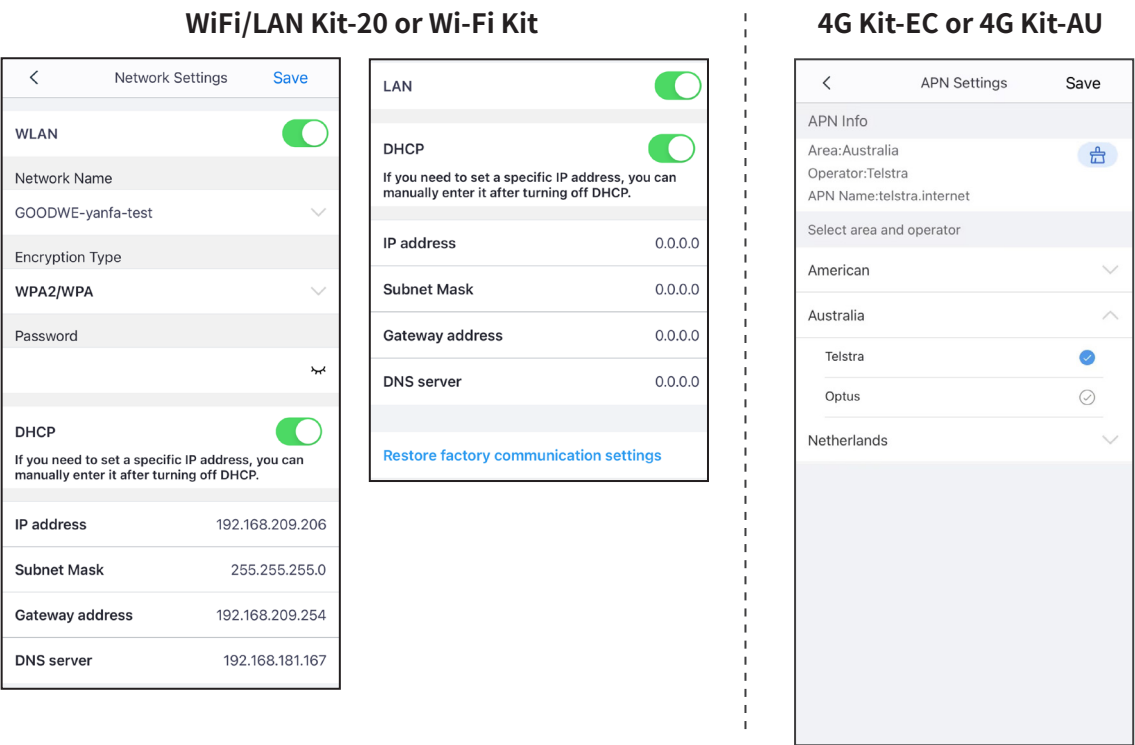
Enable **Three-phase Unbalanced Output** when the utility grid company adopts phase separate billing.

#### Setting the Power Limit Function



### Configuring the Network

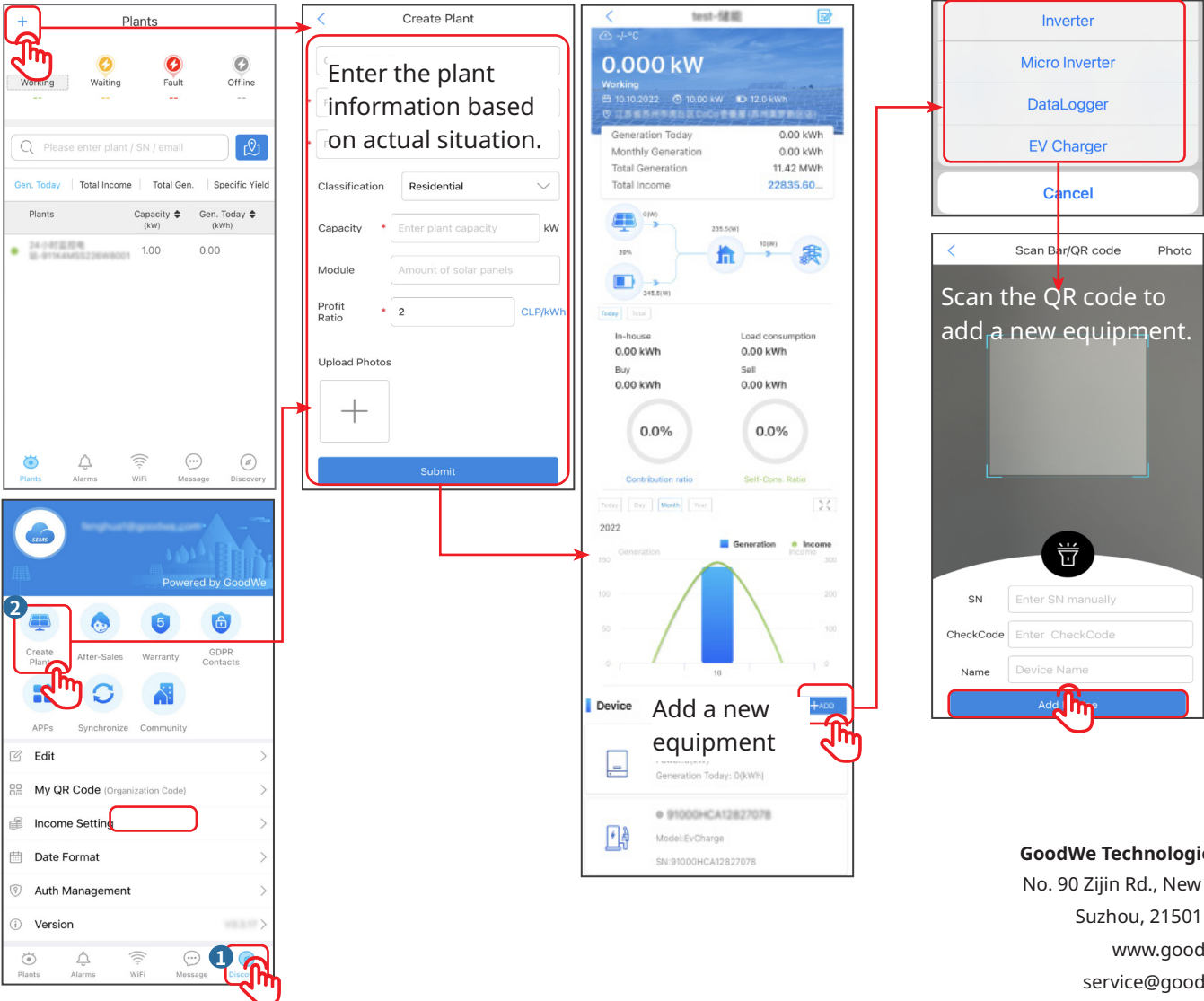
Tap Home > Settings > Communication Setting to set network parameters.



After configuring the APN, unplug the Bluetooth module and insert the 4G Kit EC or 4G Kit AU module.

### Creating a Power Plant

Create power plants and add equipments via SEMS Portal app.



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service@goodwe.com