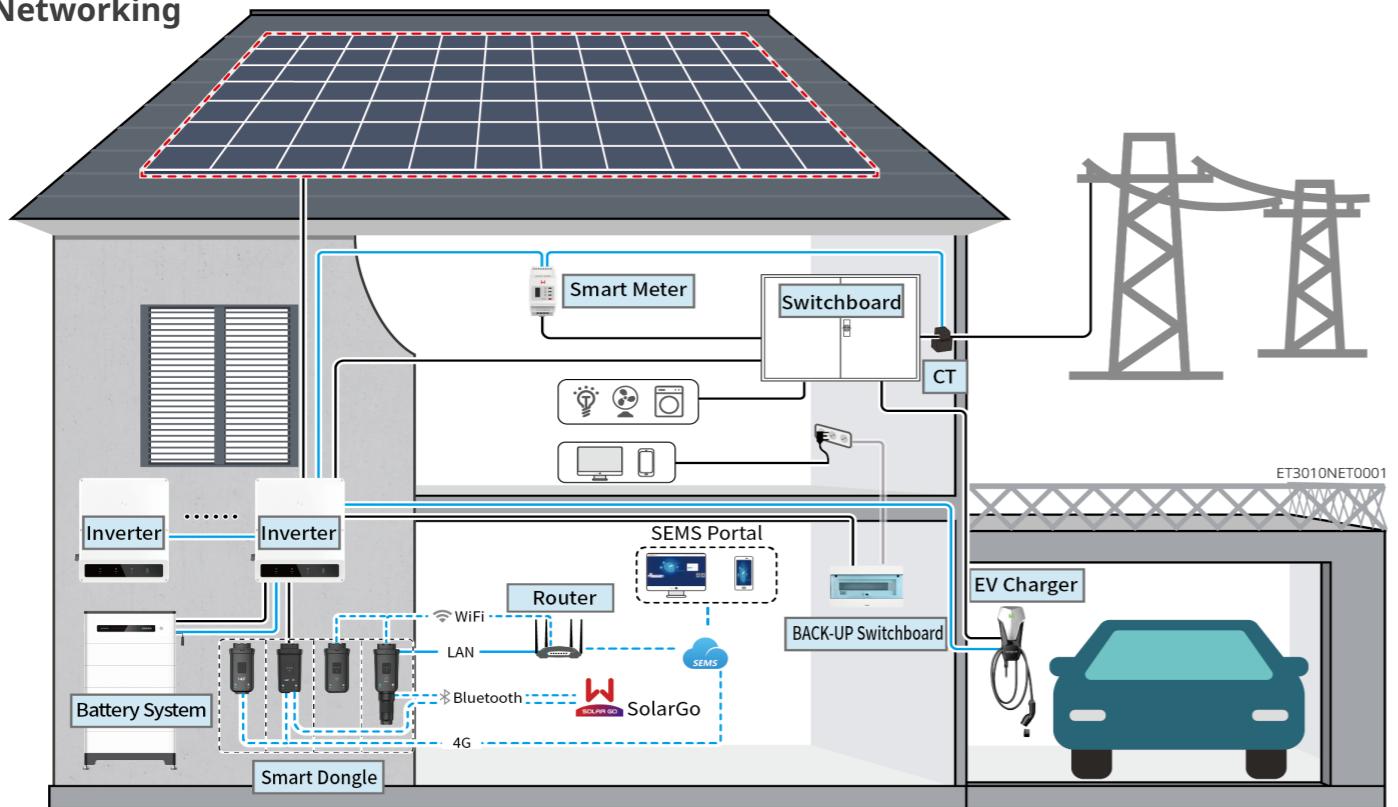


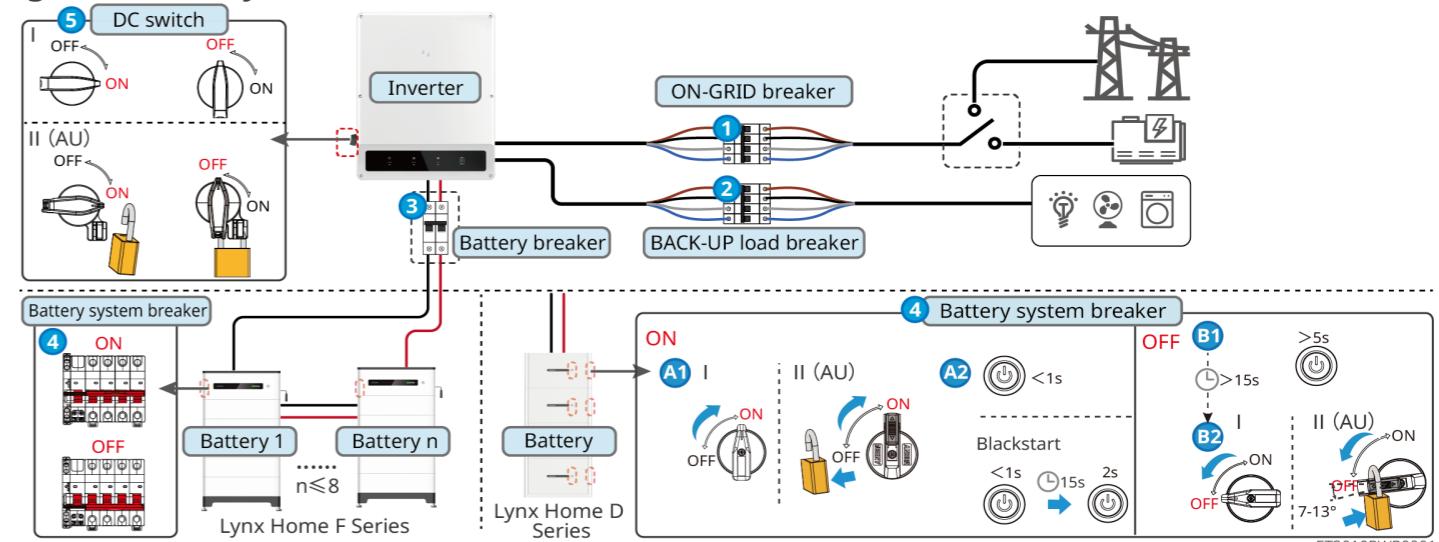
WARNING

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.

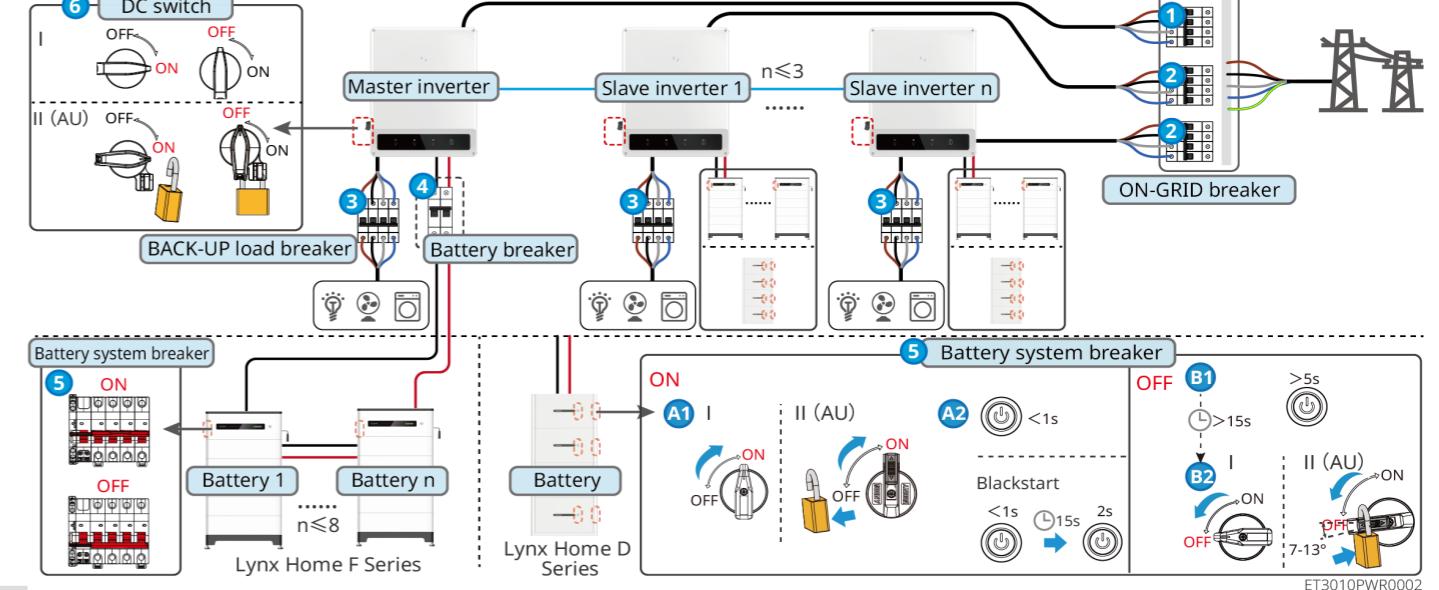
01 Networking

Device	Model	Description
Inverter	GW12KL-ET GW18KL-ET GW15K-ET GW20K-ET GW25K-ET GW29.9K-ET GW30K-ET	<ul style="list-style-type: none"> A maximum of 4 inverters can be connected in a parallel system. It is not supported to form a parallel system when the inverter with battery ready function has not activate battery function. Only GW12KL-ET and GW18KL-ET models are supported to access the generator in the single inverter scenario. Generator is not supported in on-grid system. <ul style="list-style-type: none"> ARM version: 12.431 or above SolarGo version: 6.2.0 or above Only inverters with the same AC output voltage are supported to form a parallel system. Generator is not supported in parallel system. Inverter firmware requirements for parallel connections: <ul style="list-style-type: none"> Consistent firmware version ARM version: 12.431 or above DSP version: 10.10048 or above
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 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"> The Lynx Home F series battery system cannot be parallel clustered. A maximum of 8 battery systems can be clustered in a system. Do not mix connect battery systems of different versions. Inverter GW12KL-ET, GW18KL-ET support Lynx Home F G2 series battery, and other series of battery are not supported. Battery LX F6.4-H-20, LX F9.6-H-20 only support inverter GW12KL-ET, GW18KL-ET, other inverters are not supported. Please refer to the compatibility list of inverter and battery models: https://en.goodwe.com/Ftp/EN/Downloads/User%20Manual/GW_Battery%20Compatibility%20Overview-EN.pdf

Device	Model	Description
Smart Meter	• GM3000 • GM330 • GMK330	<ul style="list-style-type: none"> 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. GMK330: CT shipped with the meter, CT ratio: <ul style="list-style-type: none"> 120A: 40mA 200A: 50mA (Brazil only)
Smart Dongle	• WiFi/LAN Kit-20 • Wi-Fi Kit • Ezlink3000	<ul style="list-style-type: none"> In single scenarios, WiFi/LAN Kit-20, Wi-Fi kit can be used. 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. When a single inverter of GW12KL-ET or GW18KL-ET is used to form a system, only WiFi/LAN Kit-20 is supported. 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 EzLink3000 should be 05 or above.

02 Power On/Off**Single Inverter System****Power on/off 1 → 2 → 3 → 4 → 5**

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

Inverter Parallel System**Power on/off 1 → 2 → 3 → 4 → 5 → 6**

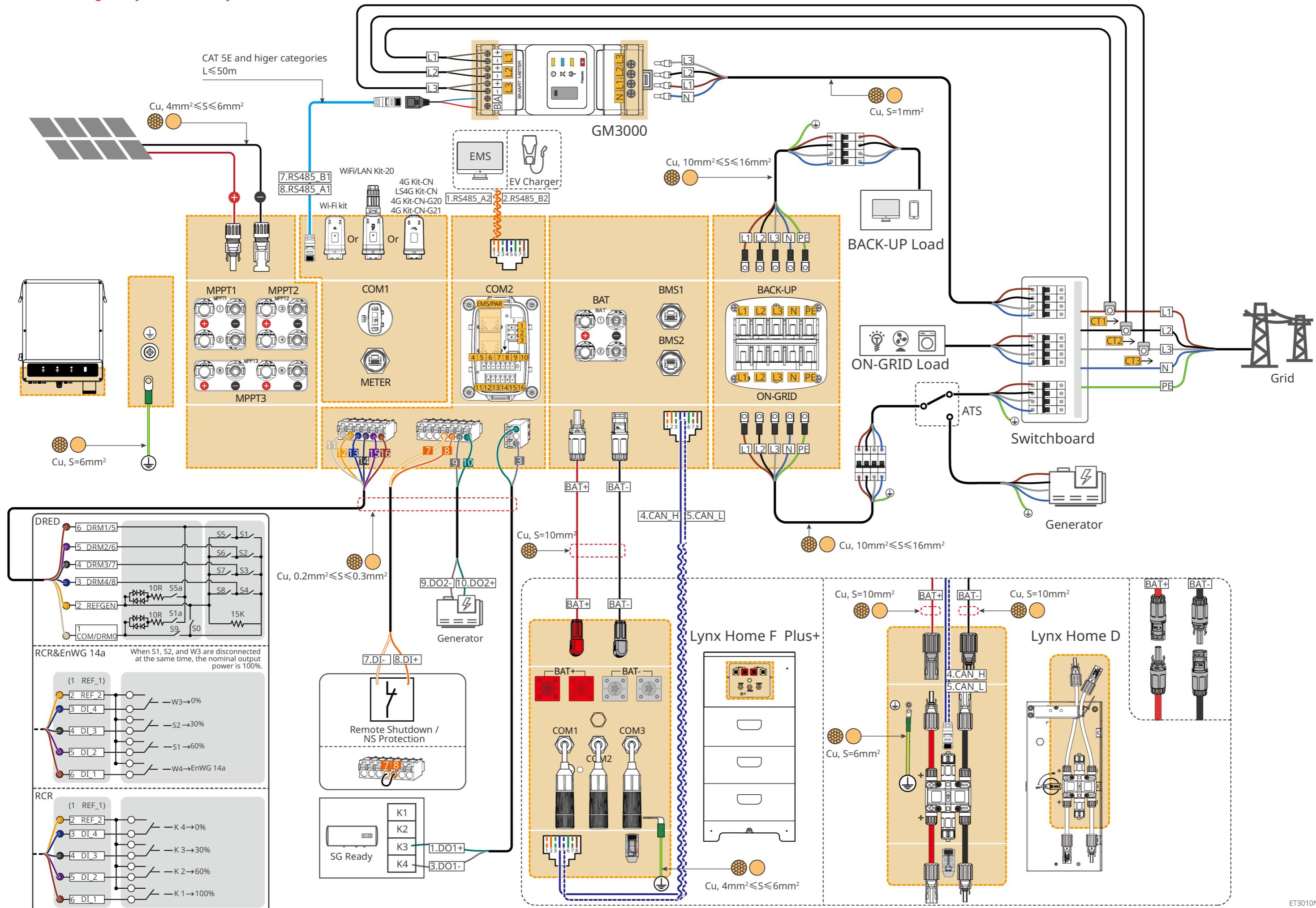
4 : Install or not based on local laws and regulations.

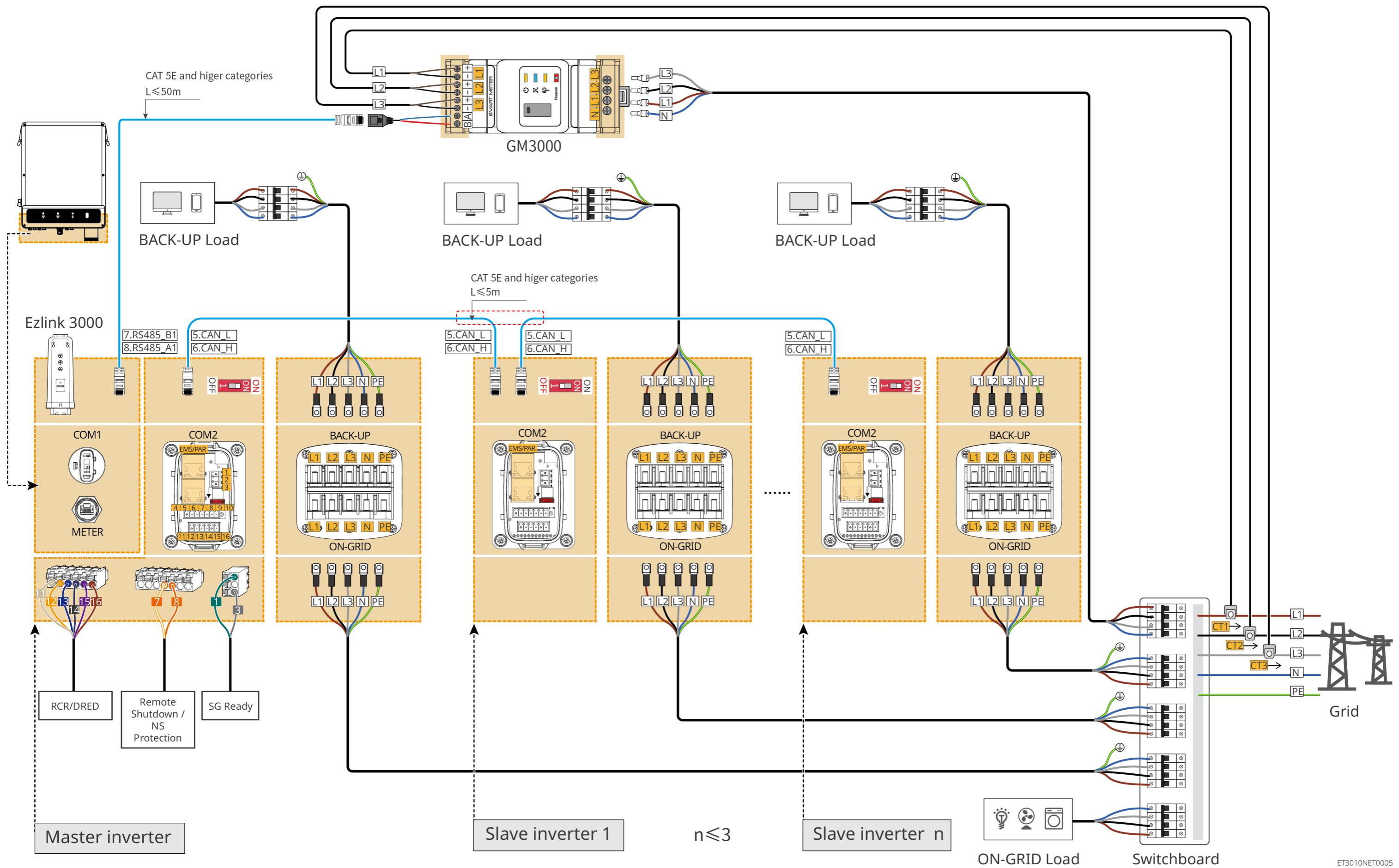
03 Installations

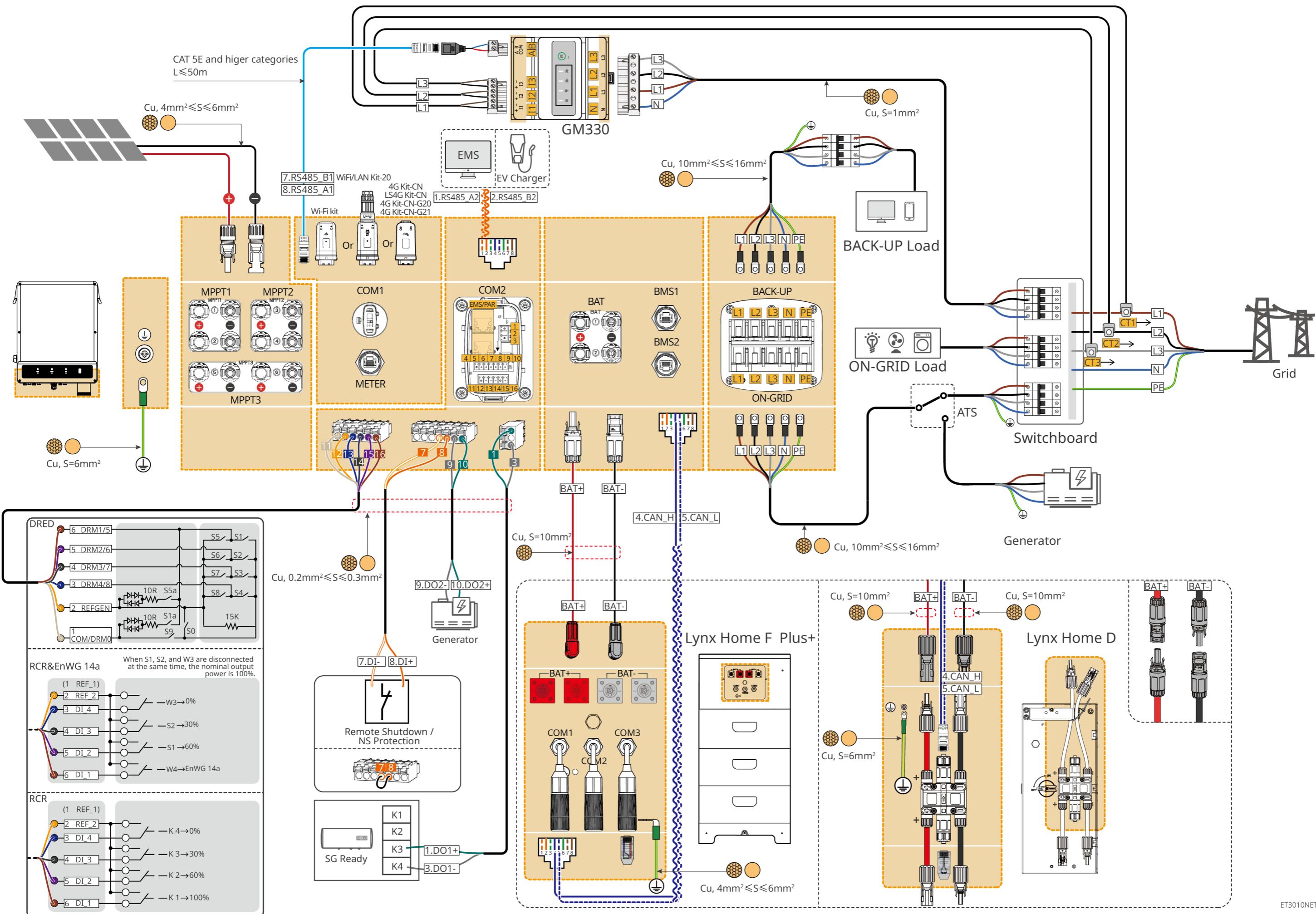
Steps	① Installation	② PE	③ PV	④ Battery	⑤ AC	⑥ COM	⑦ Communication module	
Inverter							Wi-Fi Kit 	
Tools	<p>1 D: 80mm Φ: 8mm</p> <p>2 M5 1.2~2N·m</p>	<p>Recommend: PV-CZM-61100</p>	<p>Recommend: VXC9</p>	<p>1 M5 2~3N·m</p> <p>2 M6 3~4N·m</p>	<p>M4 1.5N·m</p>	4G Kit-CN LS4G Kit-CN 4G Kit-CN-G20 4G Kit-CN-G21 		
Steps	① Installation		② PE		③ Battery		④ COM	
Battery								
Tools	<p>Ground</p> <p>1 D: 80mm Φ: 10mm</p> <p>2 Wall</p> <p>3 ST5.5 4N·m</p> <p>4 M5 4N·m</p>	<p>A1 A2 A3 A4</p> <p>B1 B2 B3 B4</p> <p>A1 D: 60mm Φ: 15mm</p> <p>B1 D: 60mm Φ: 8mm</p> <p>A2 M12 45N·m</p> <p>B2 M6 5N·m</p> <p>A3 M5 4N·m</p> <p>B3 M5 4N·m</p>	<p>1 M6 6-7N·m</p> <p>2 M5 4N·m</p>	<p>Recommend: YQK-70</p>	<p>Recommend: YQK-70</p>	<p>Recommend: YQK-70</p>	<p>Recommend: YQK-70</p>	
							<p>Recommend: VXC9</p> <p>M5 1.5-2N·m</p>	
Steps	① Installation	② Cable Connections			③ Power	④ Commissioning		
Smart meter	<p>GM3000</p> <p>GM330/GMK330</p>	<p>GM3000</p> <p>1 </p> <p>2 </p> <p>1.2-2N·m</p>	<p>GMK330</p> <p>1 </p> <p>2 </p> <p>1.2-2N·m</p>	<p>GM330</p> <p>1 </p> <p>2 </p> <p>1.2-2N·m</p>		<p>SolarGo APP</p>	<p>SEMS Portal APP</p>	<p>SEMS Portal WEB</p>

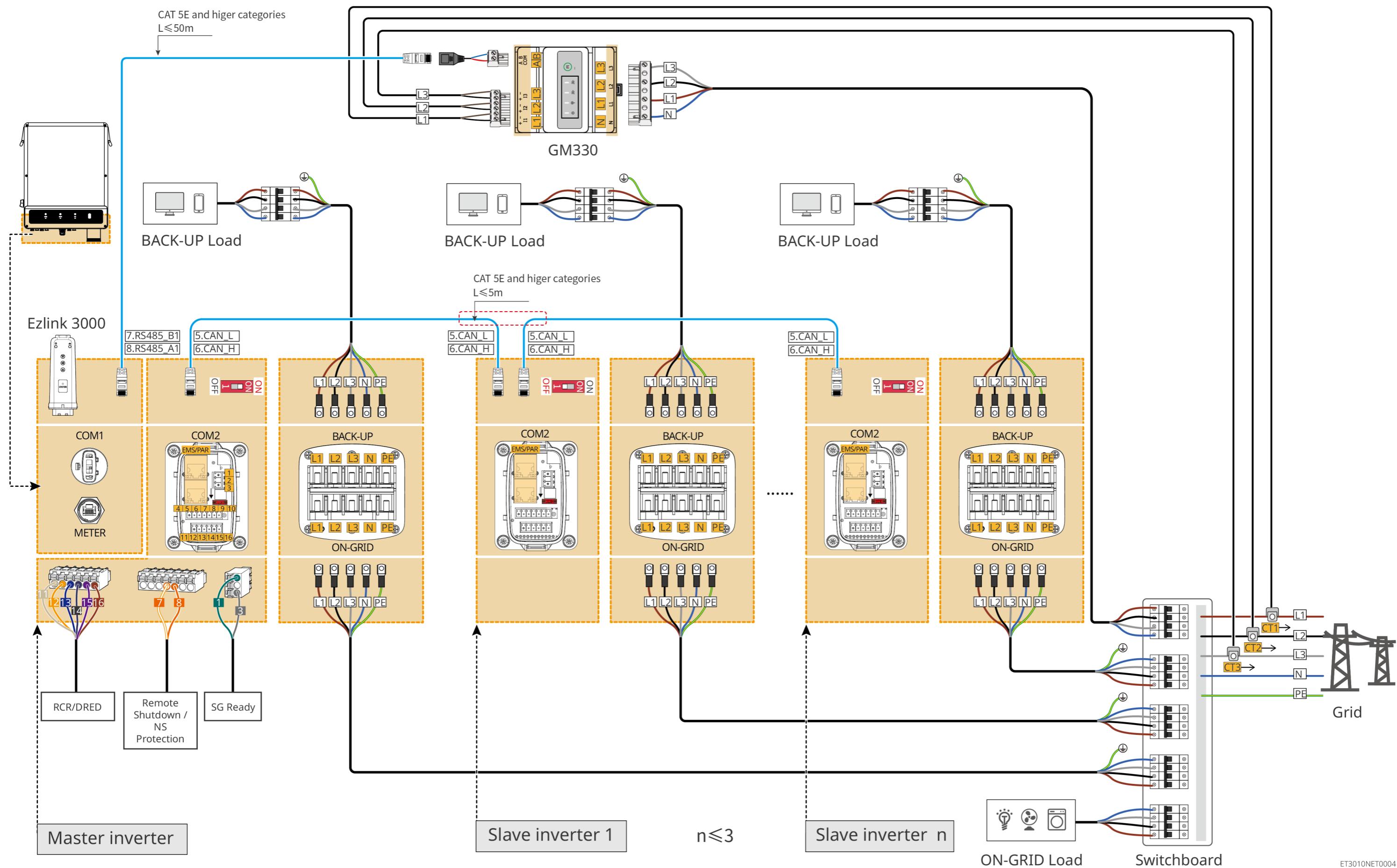
04 Wiring Diagram

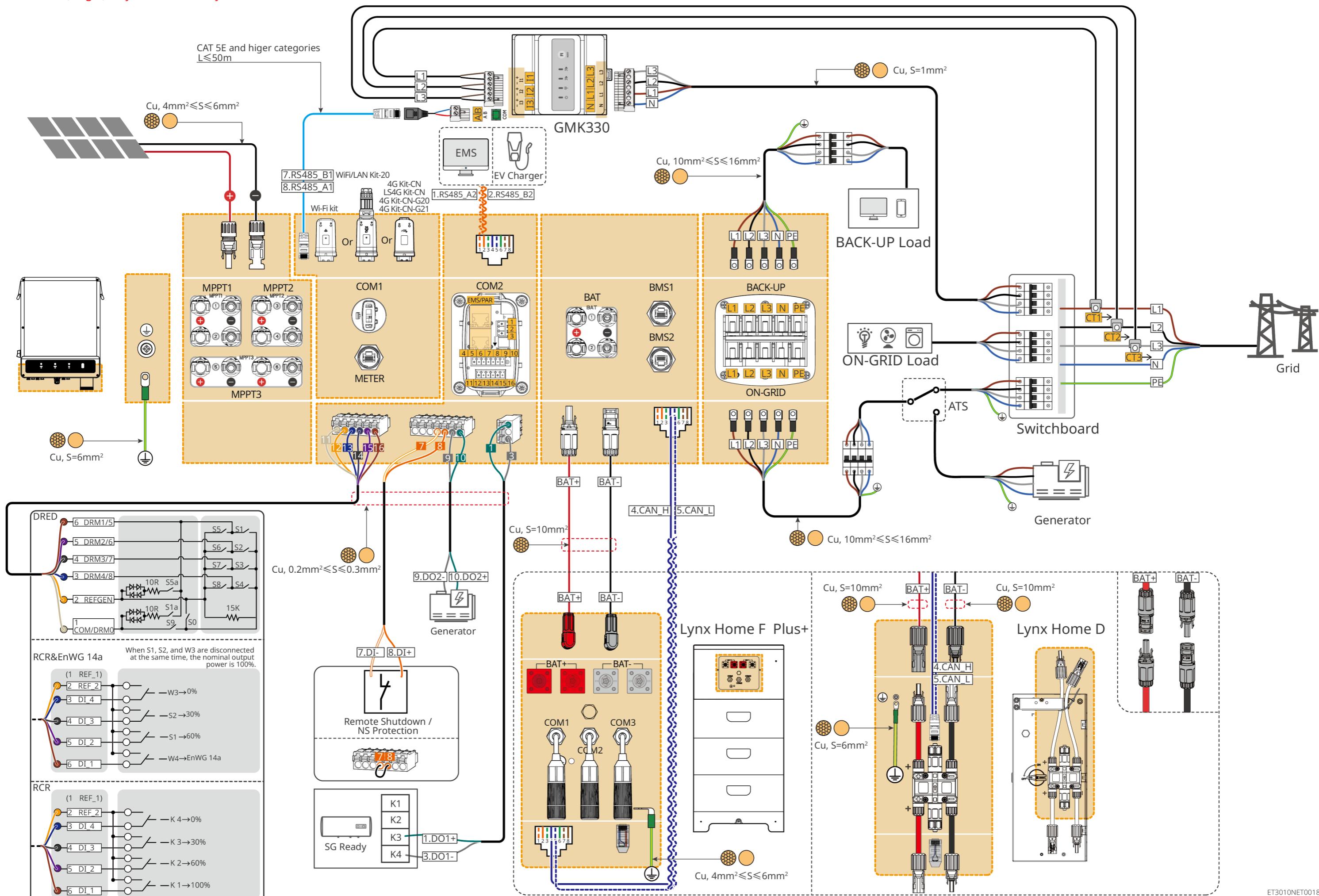
ET 12-30kW (single) + Lynx Home F or Lynx Home D + GM3000 + WiFi/LAN/4G

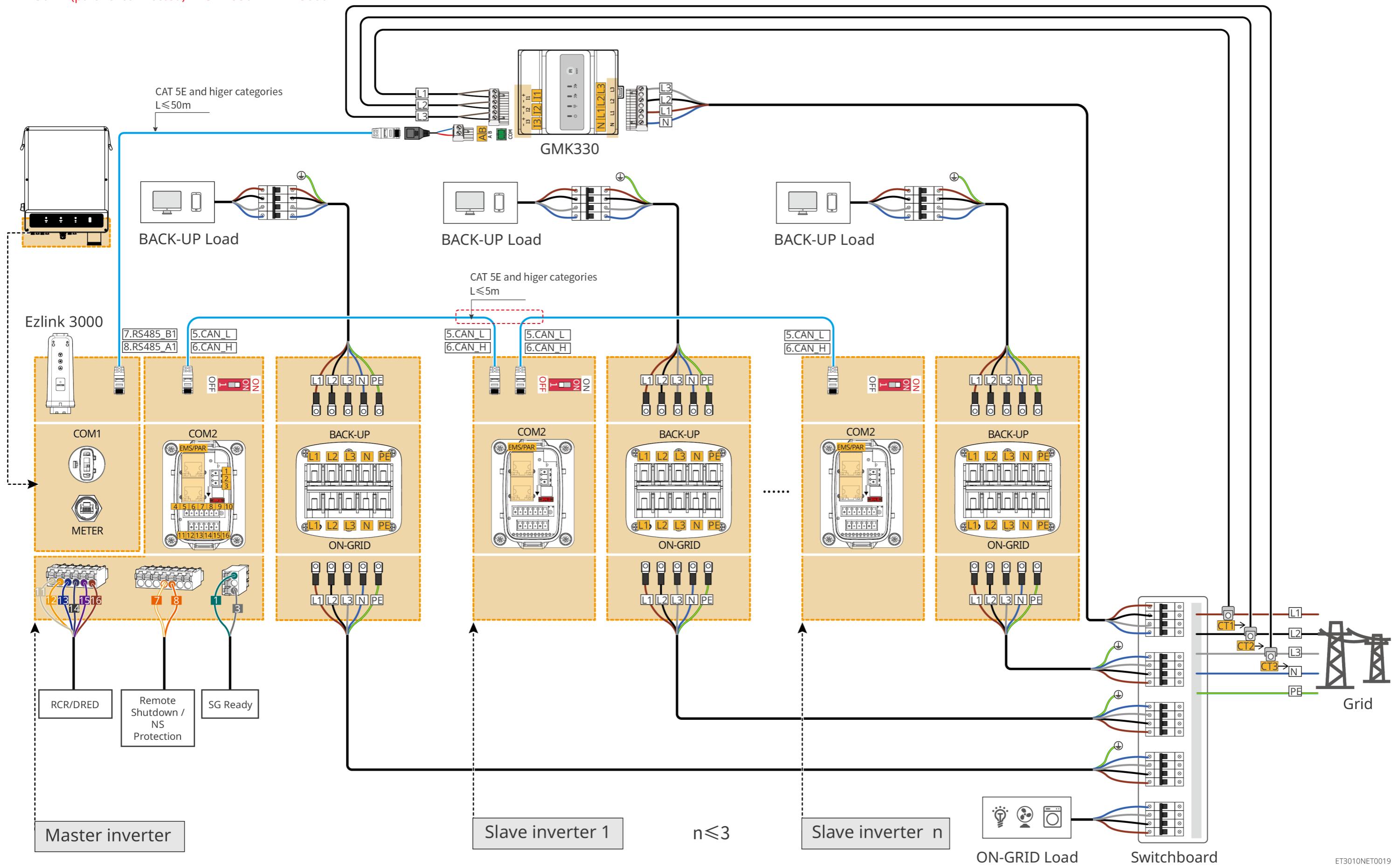




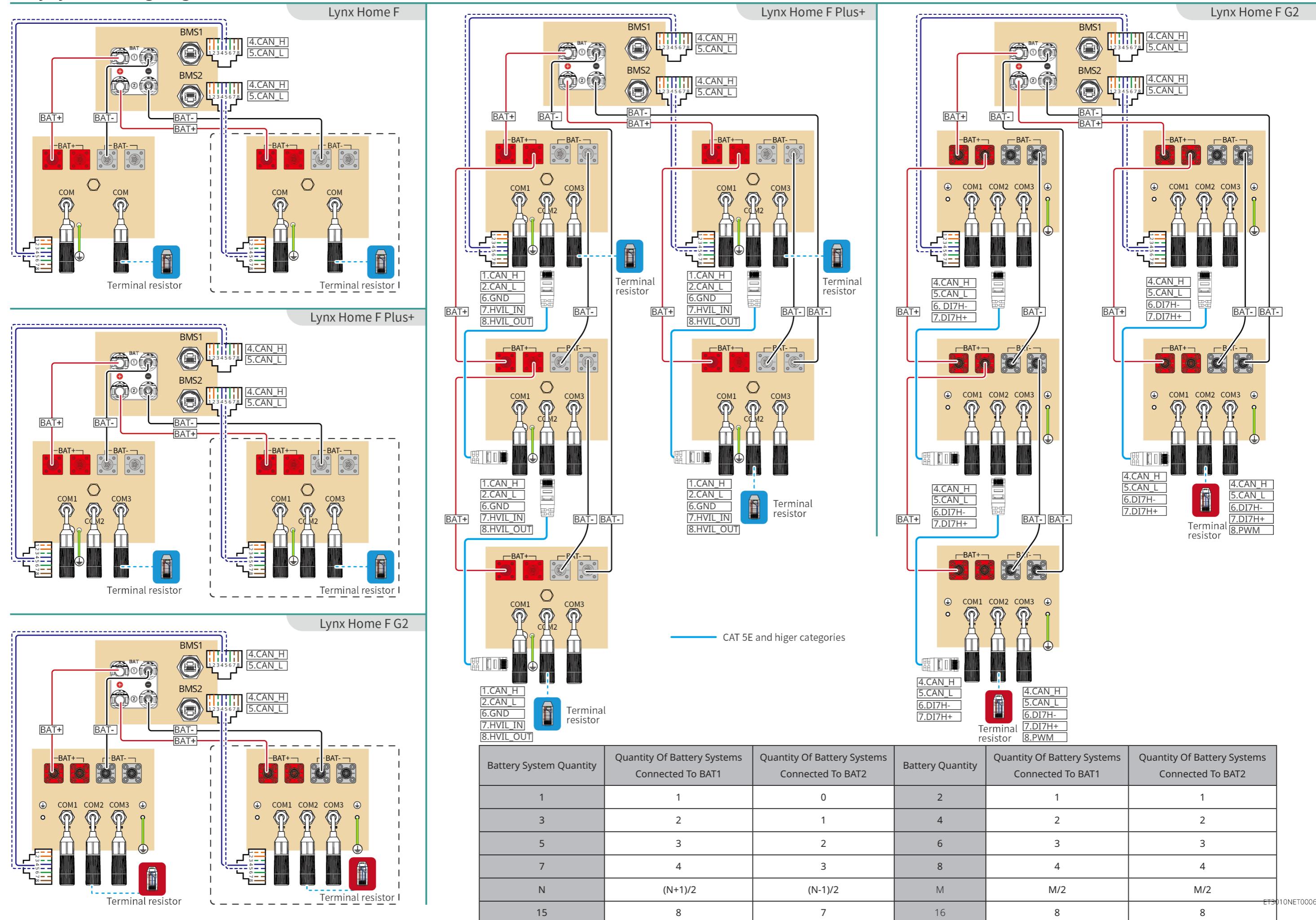




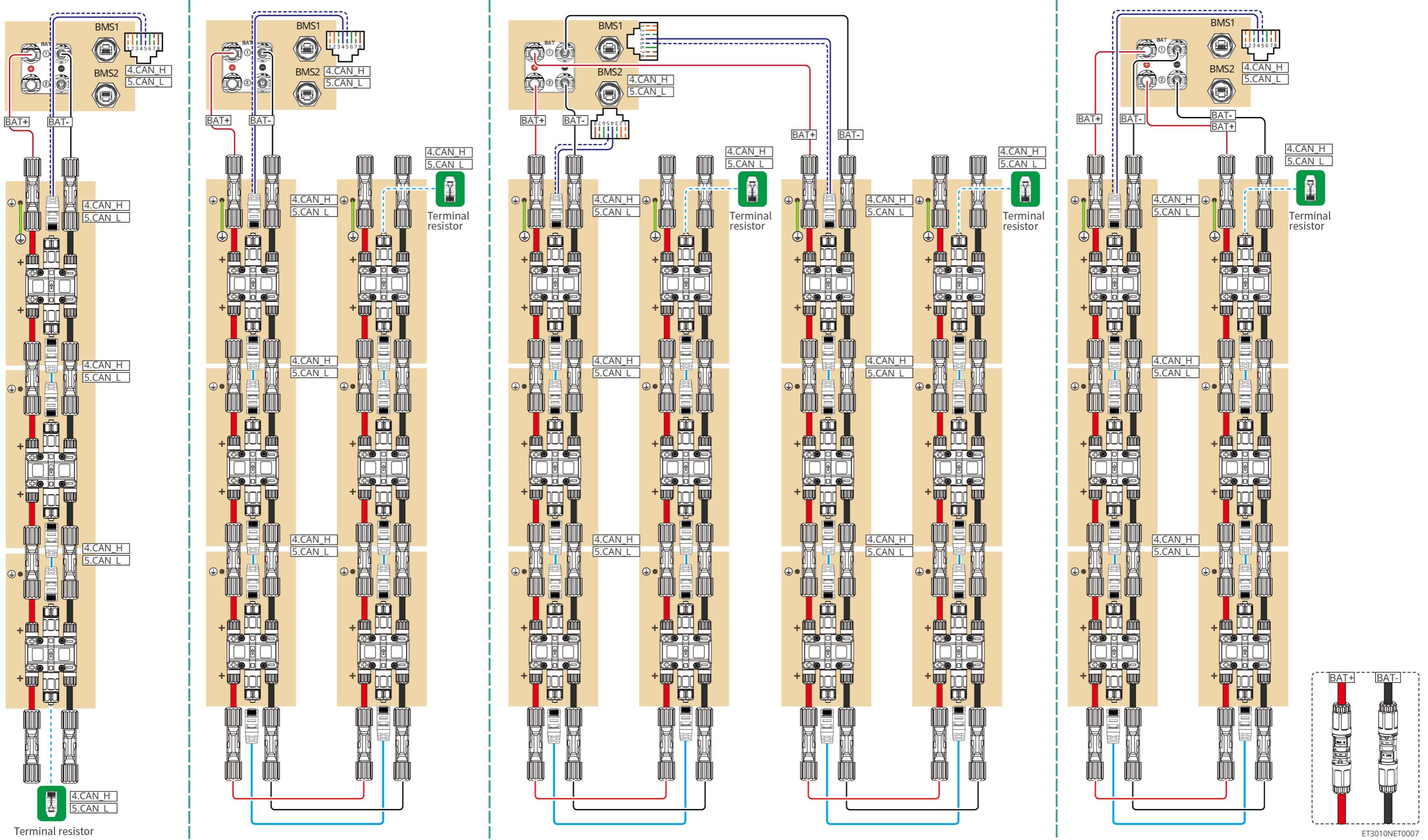




Battery System Wiring Diagram



Lynx Home D



05 Equipment Commissioning



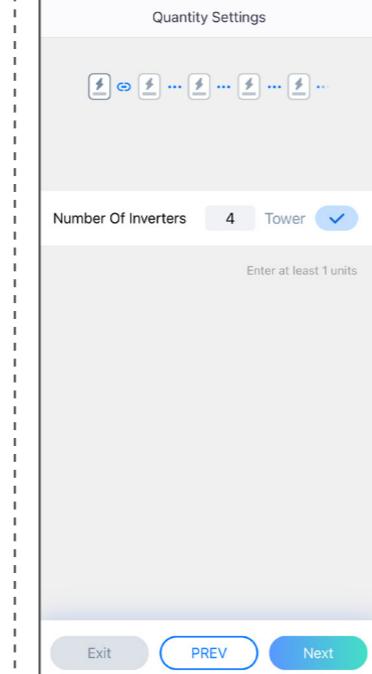
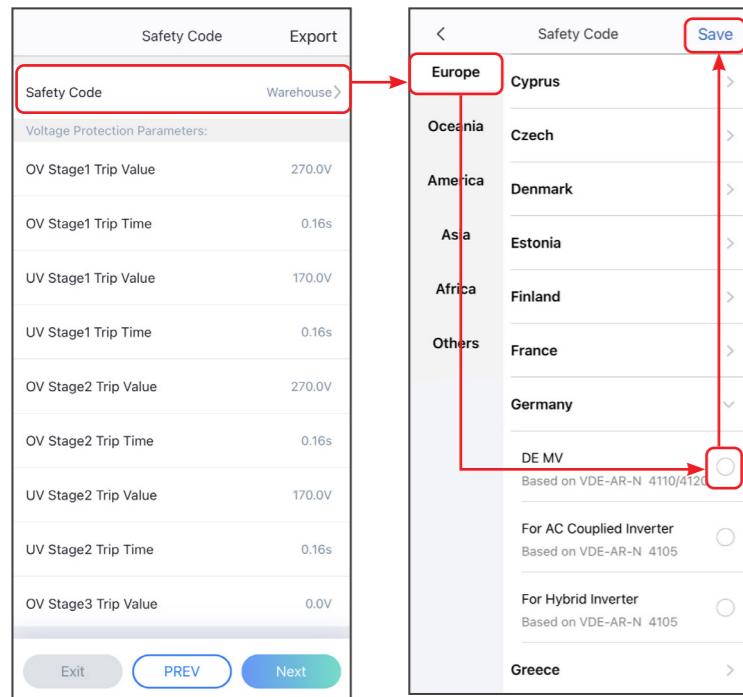
In parallel scenarios, the software version of SolarGo app should be 5.8.0 or above. Follow the prompts to connect the device.

Quick Settings

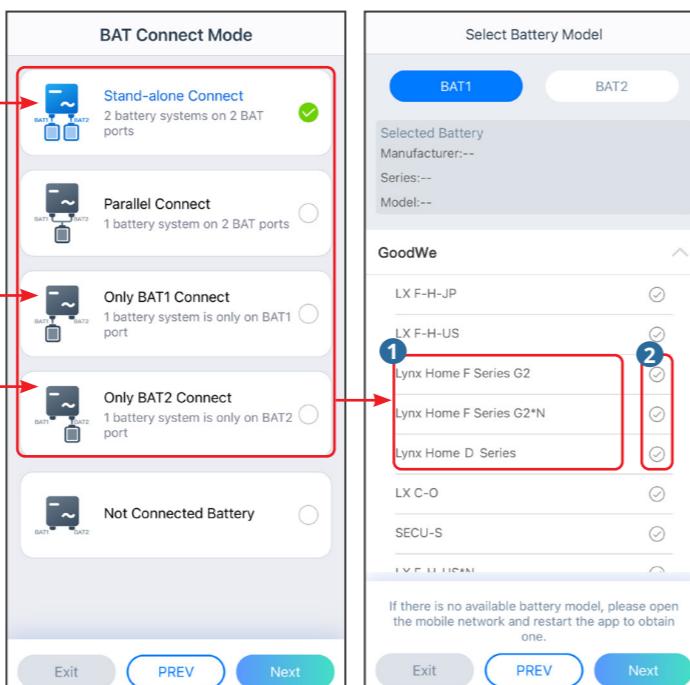
Tap **Home** > **Settings** > **Quick Settings** to complete quick settings step by step.

Installer password: goodwe2010

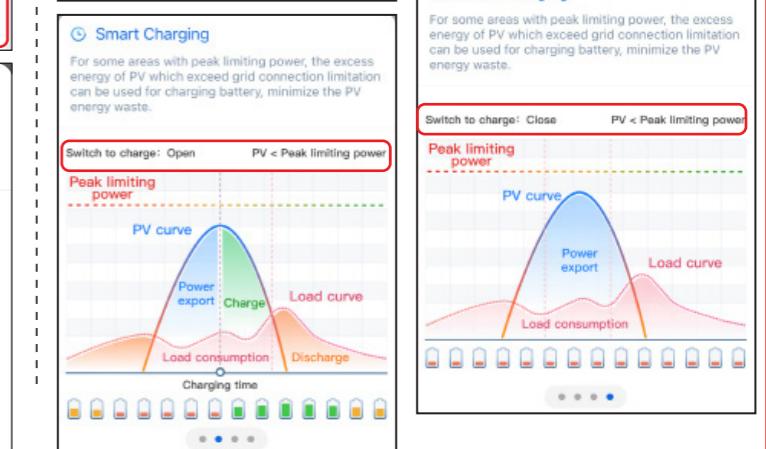
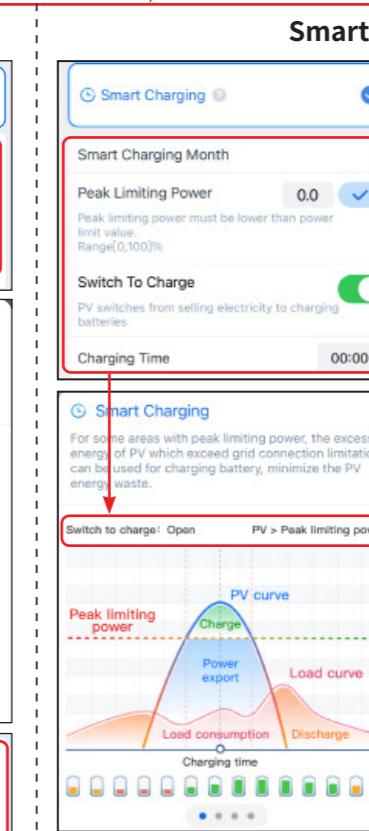
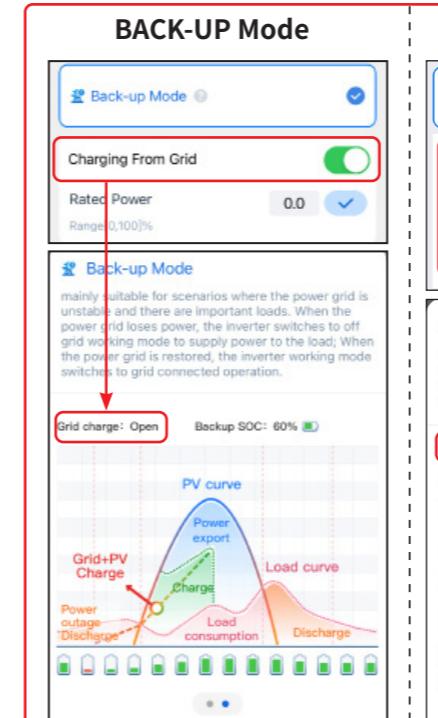
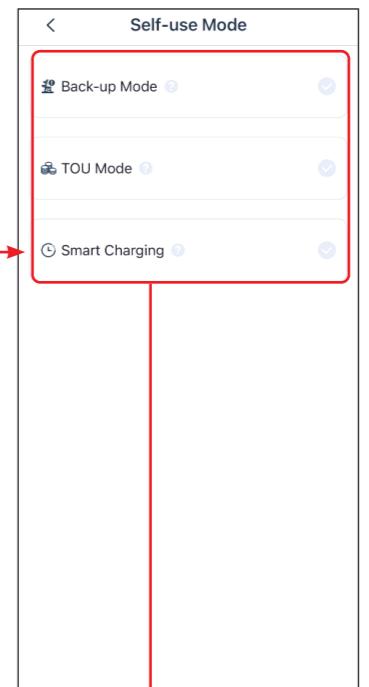
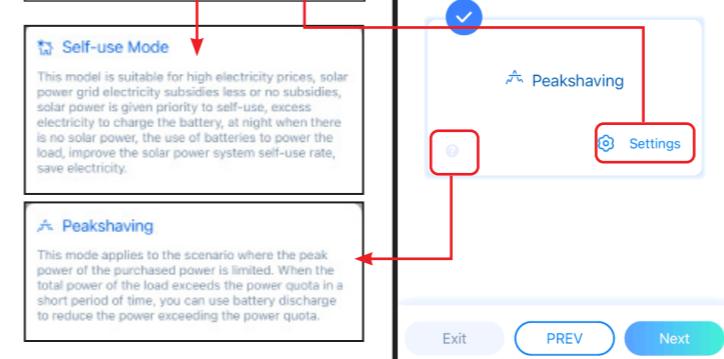
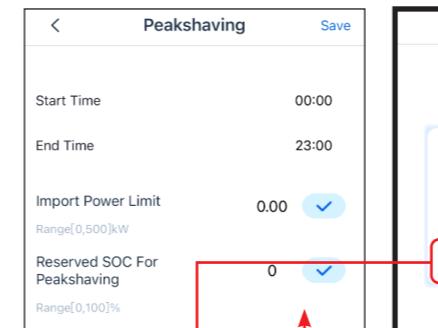
Setting the Safety Code



Setting the BAT Connect Mode

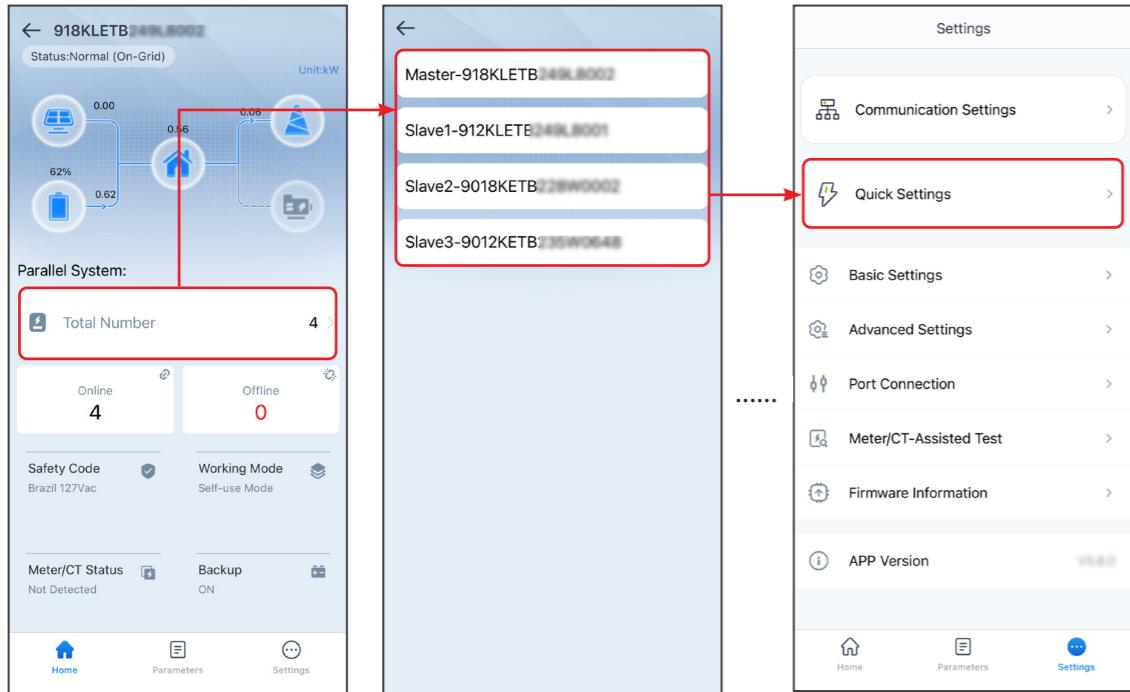


Setting the Working Mode



Setting Batteries Of Each Inverters (Only For Parallel Connections)

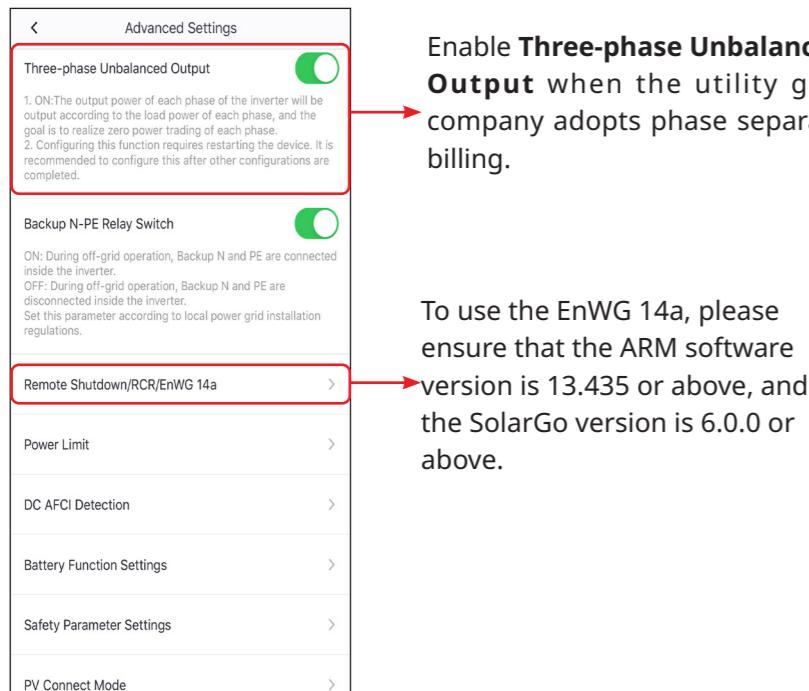
Follow the prompts to set the battery model and connection mode of each inverter.



Setting the Advanced Parameters

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

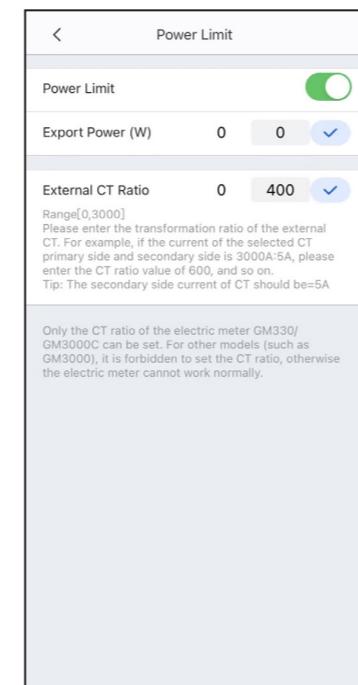
Setting DRED/Remote Shutdown/RCR/EnWG 14a or Three-phase Unbalanced Output Function (Optional)



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

To use the EnWG 14a, please ensure that the ARM software version is 13.435 or above, and the SolarGo version is 6.0.0 or above.

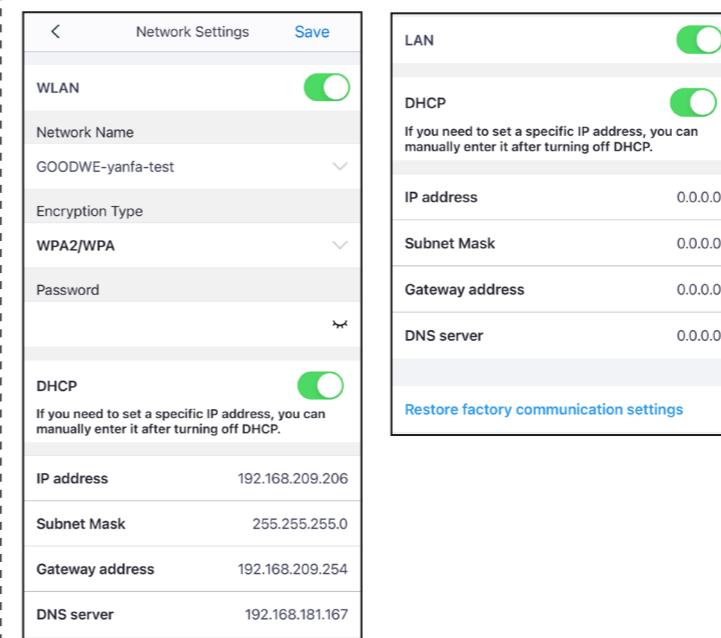
Setting the Power Limit Function



Configuring the Network

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

WiFi/LAN Kit-20 or Wi-Fi Kit or Ezlink3000



Creating a Power Plant

Create power plants and add equipments via SEMS Portal app.

