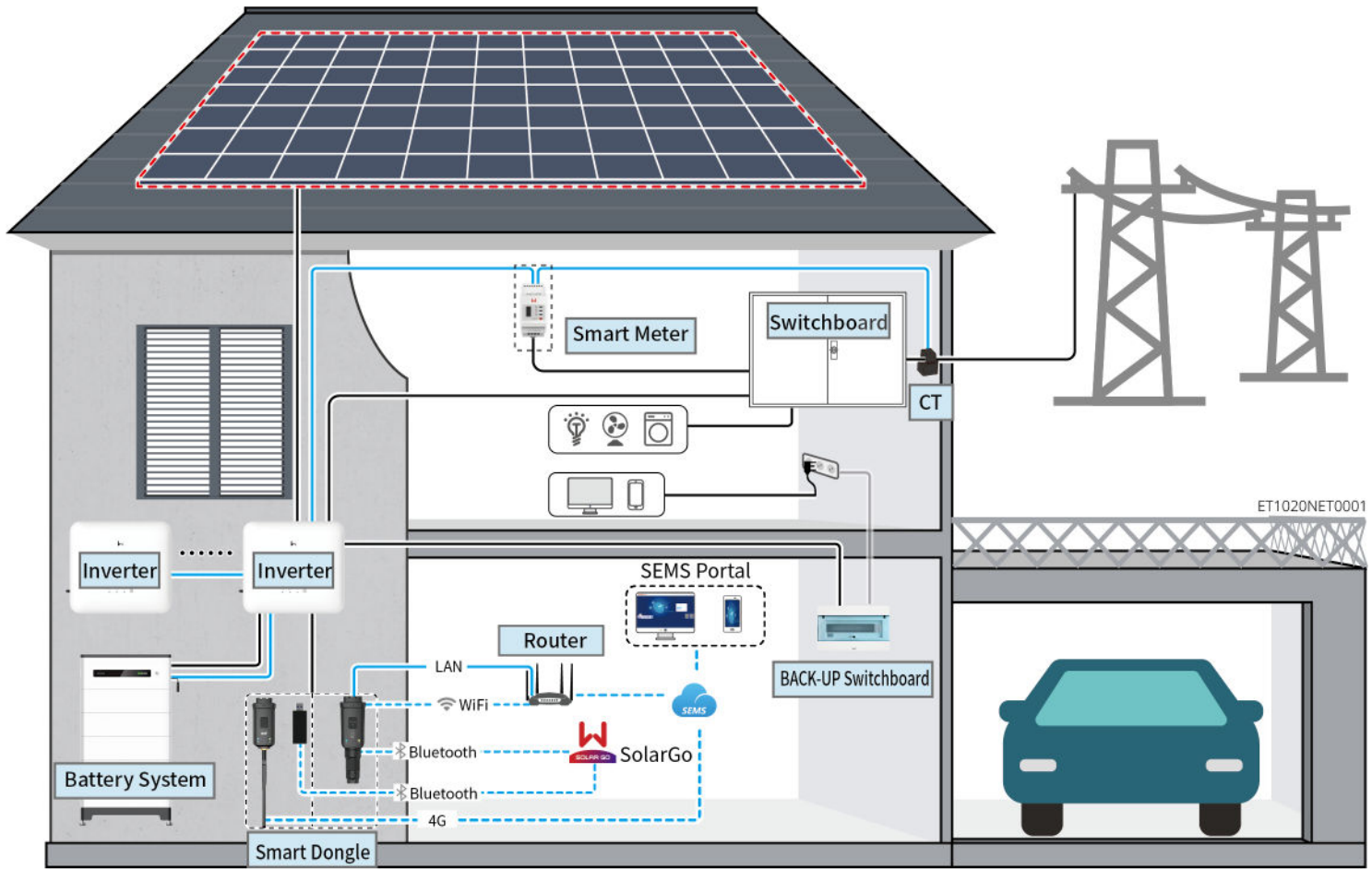


WARNING

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.

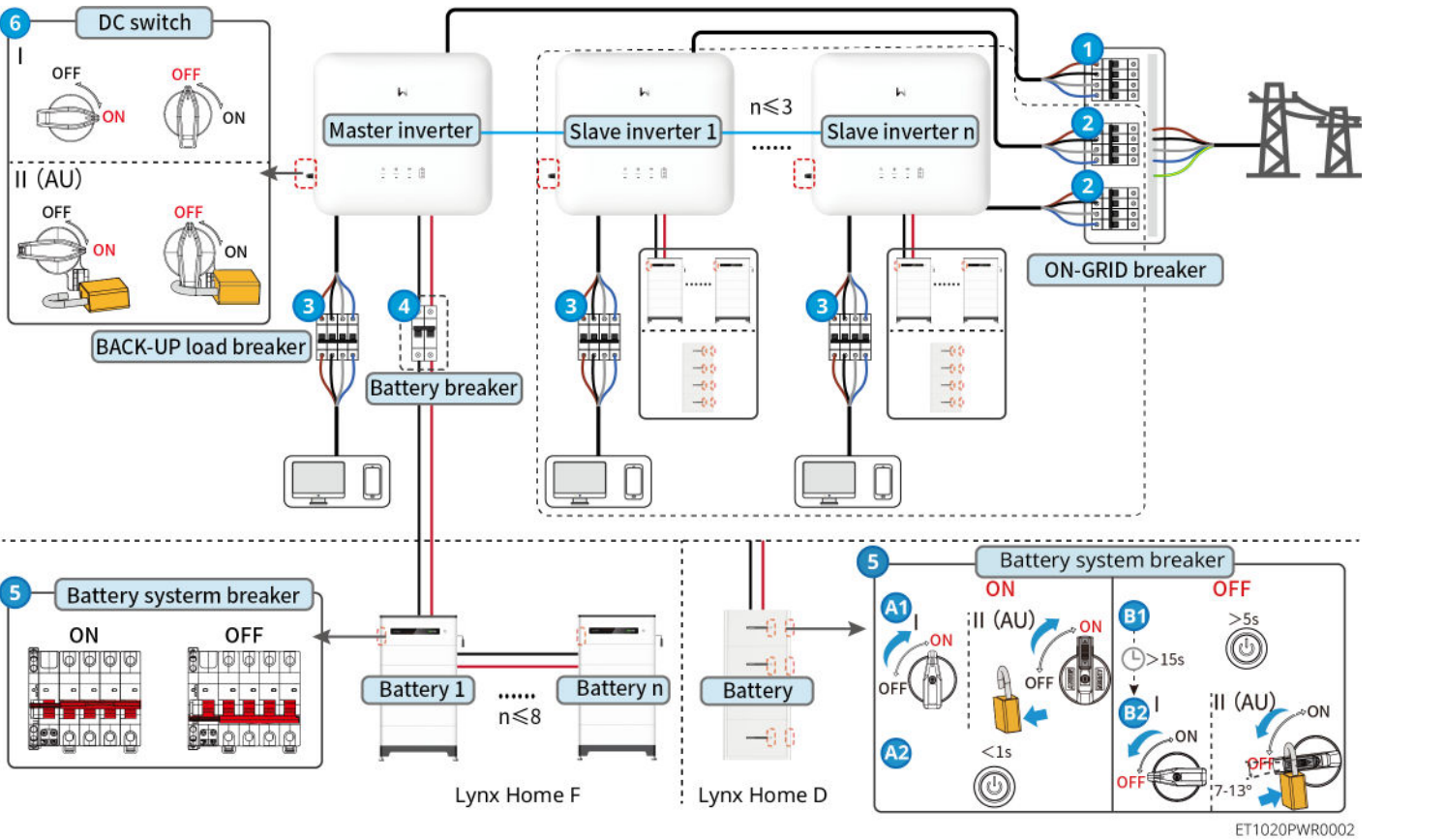
01 Networking



Device	Model	Description
Inverter	GW6000-ET-20, GW8000-ET-20, GW9900-ET-20, GW10K-ET-20, GW12K-ET-20, GW15K-ET-20	A maximum of 4 inverters can be connected in a parallel system. Inverter firmware requirements for parallel connections: - Consistent firmware version - ARM version: 01.389 or above - DSP version: 01.15 or above
Battery system	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 - A maximum of 8 battery systems can be clustered in a system. - Do not mix connect battery systems of different versions.

Device	Model	Description
Smart Meter (Optional)	GM3000 GM330	- The inverter has a built-in smart meter, and CT cannot be changed. CT ratio: 90A/90mA - 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.
Smart Dongle	WiFi/LAN Kit-20 4G Kit-EC or 4G Kit-AU Ezlink3000	- In single scenarios, please use WiFi/LAN Kit-20, 4G Kit-EC, or 4G Kit-AU modules. - 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



03 Installations

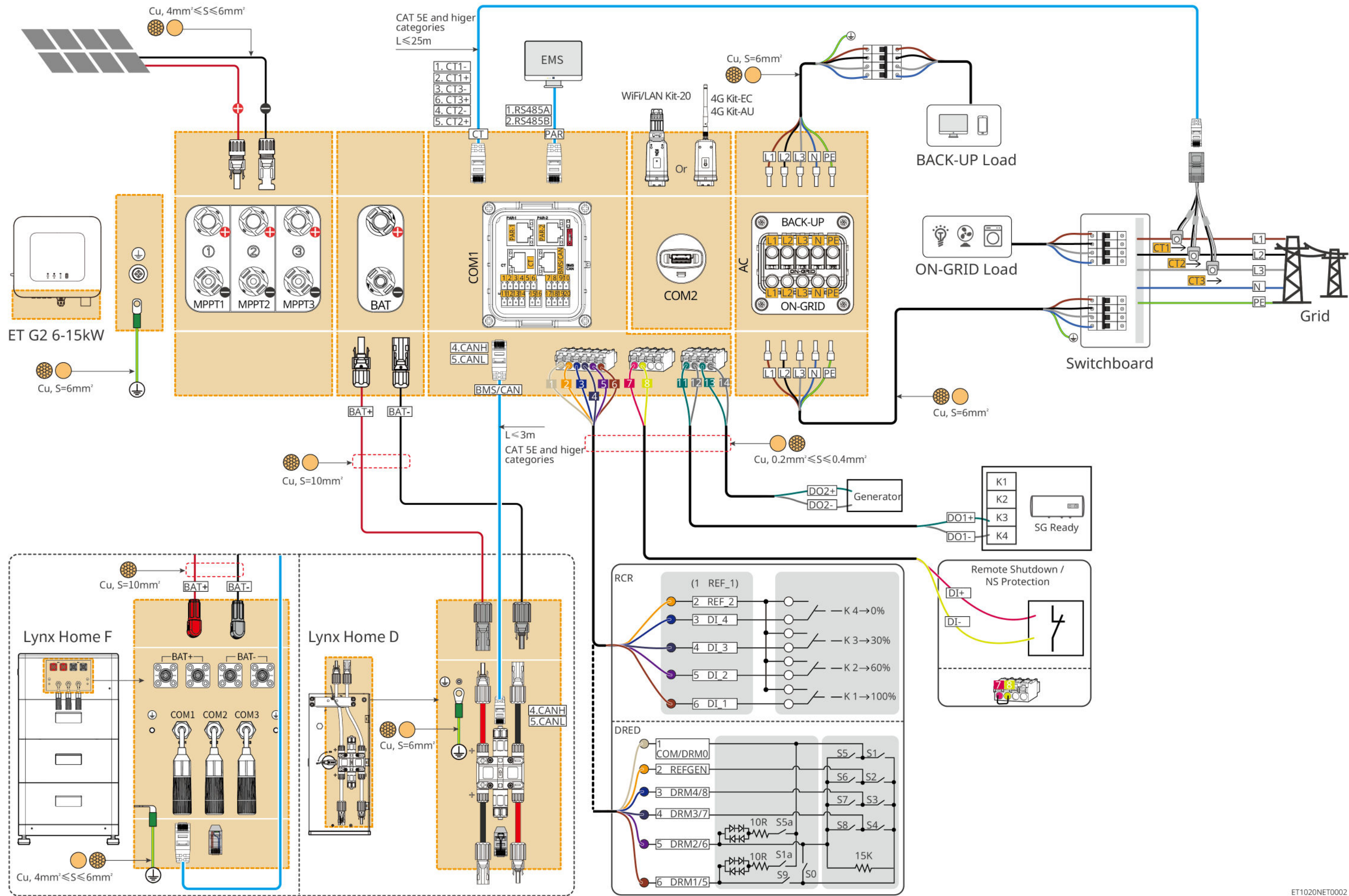
Steps	❶ Installation	❷ PE	❸ PV	❹ Battery	❺ AC	❻ COM	❼ Communication module		
Inverter							Bluetooth Module	WiFi/LAN Kit-20	Ezlink3000
Tools	❶ D: 80mm φ: 8mm ❷ M5 1.2-2N·m	M5 1.5-2N·m	Recommend: PV-CZM-61100 	Recommend: YQK-70 	❷ M5 1.5-2N·m Or 		4G Kit-EC 4G Kit-AU 		

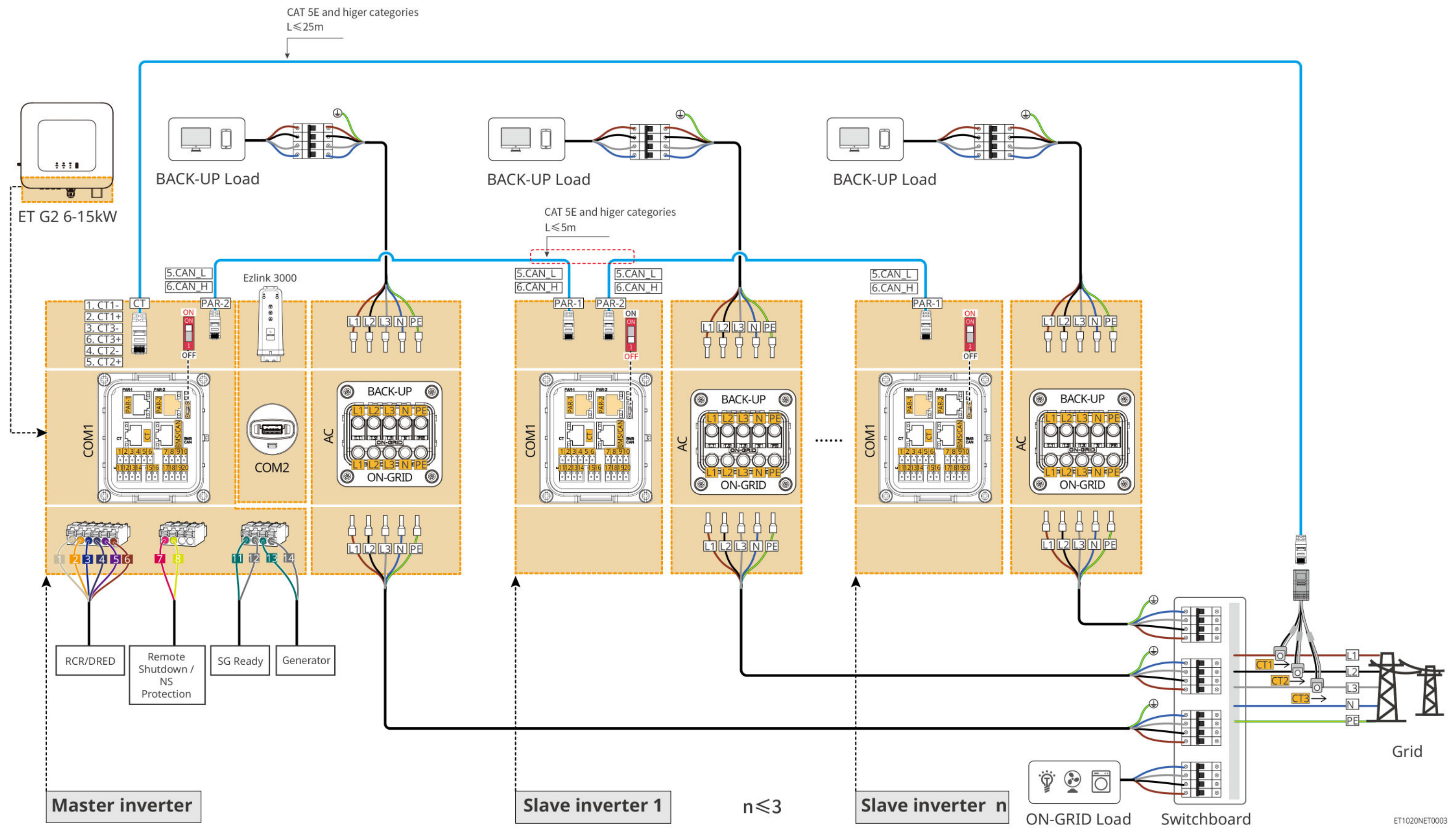
Steps	1 Installation				2 PE		3 Battery			4 COM	
Battery	Lynx Home F (G1) 	Lynx Home F (G1 Plus+) 	Lynx Home D 		Lynx Home F 	Lynx Home D 	Lynx Home F (G1) 	Lynx Home F (G1 Plus+) 	Lynx Home D 	Lynx Home F 	Lynx Home D
Tools	1 2 3 4 1 2 3 4 A1B1B2B4 A2B3B4B4 A1M12B4 B1M6B2B3M5 D: 80mm φ: 10mm ST5.54N·m M54N·m M66-7N·m M54N·m				Recommend: YQK-70 Recommend: YQK-70 Recommend: YQK-70		Recommend: YQK-70 Recommend: YQK-70		Recommend: YQK-70 Recommend: YQK-70		

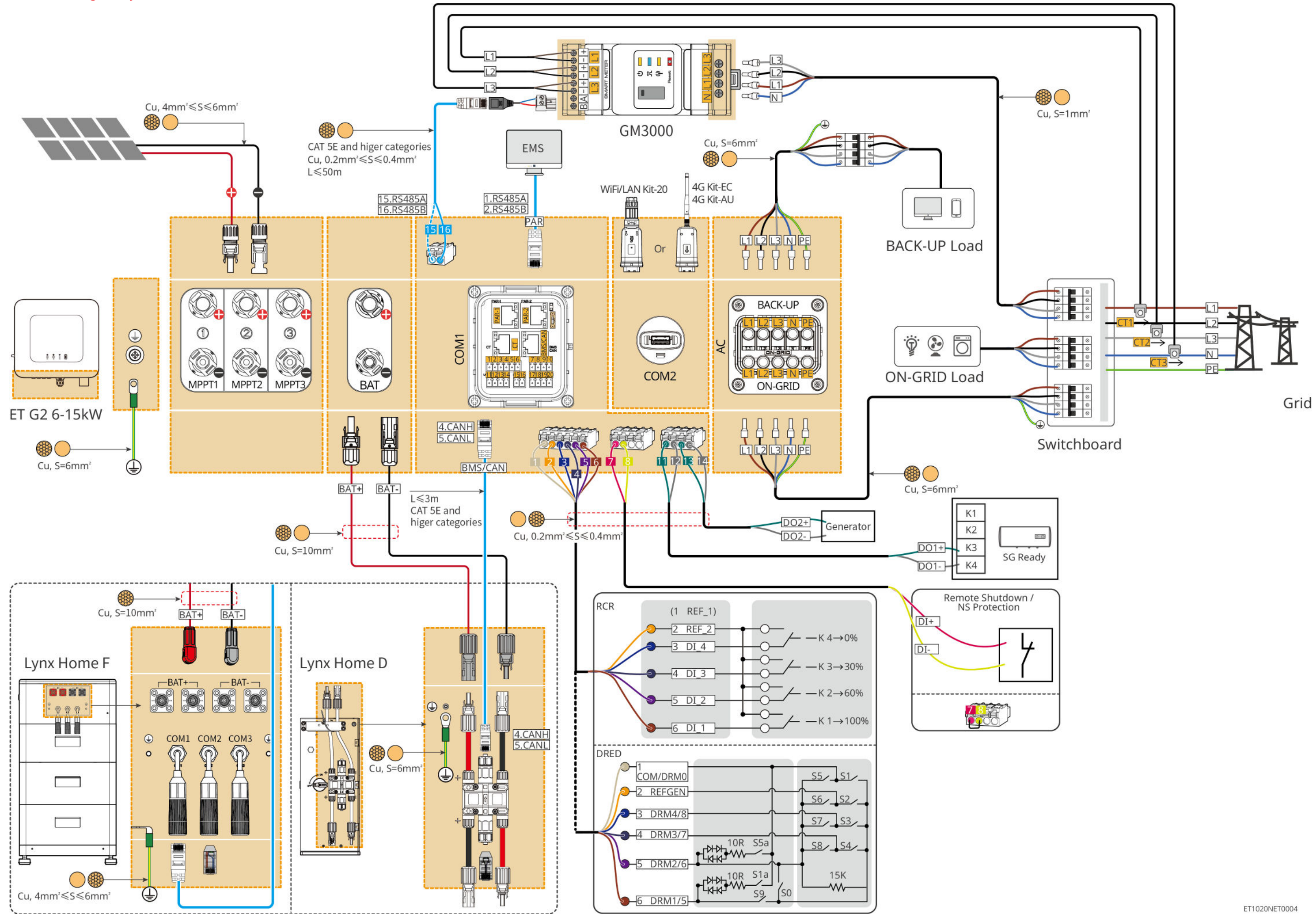
Steps	1 Installation		2 Cable Connections		3 Power	4 Commissioning	
Smart meter	GM3000	GM330	GM3000	GM330	AC breaker		

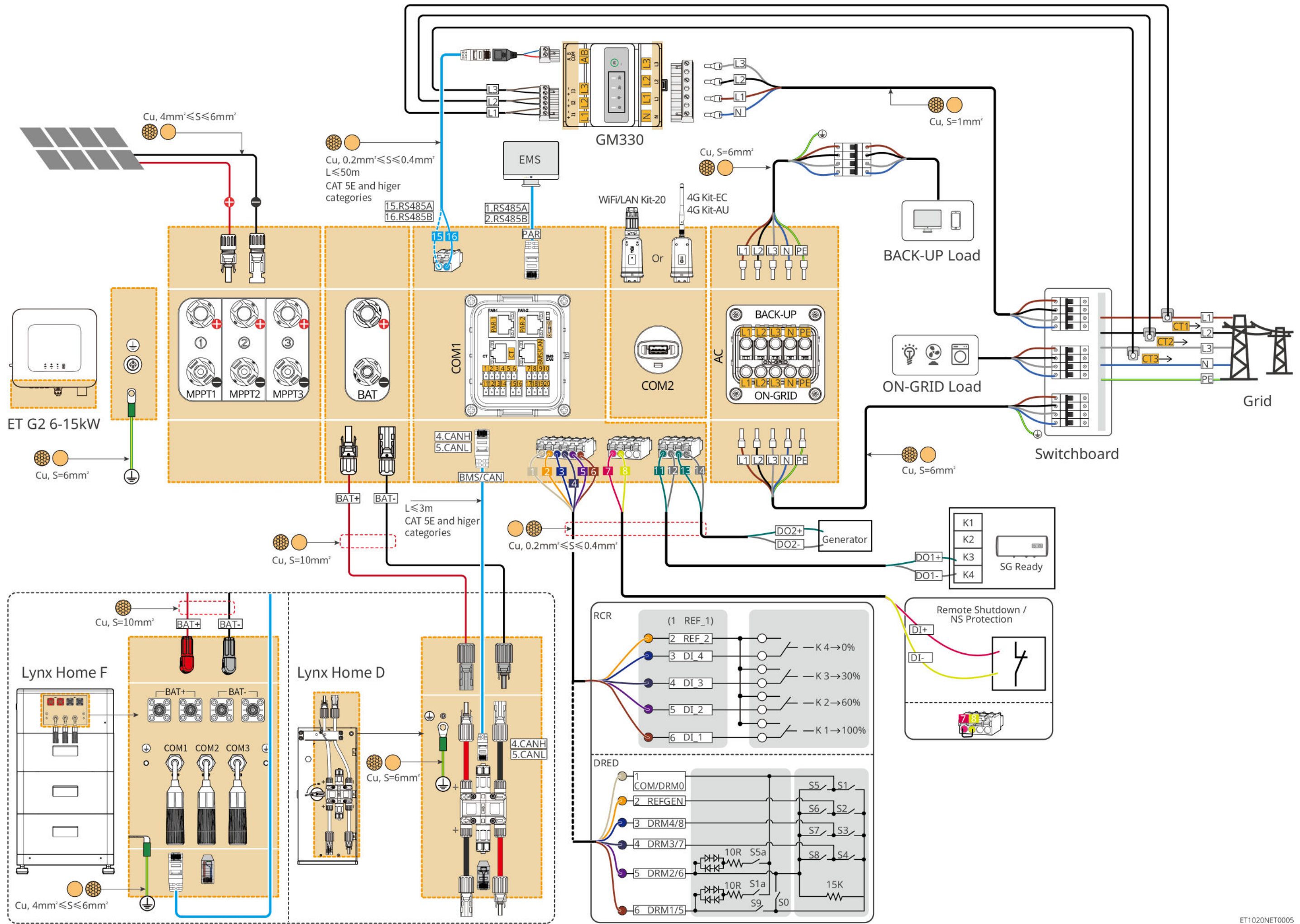
04 Wiring Diagram

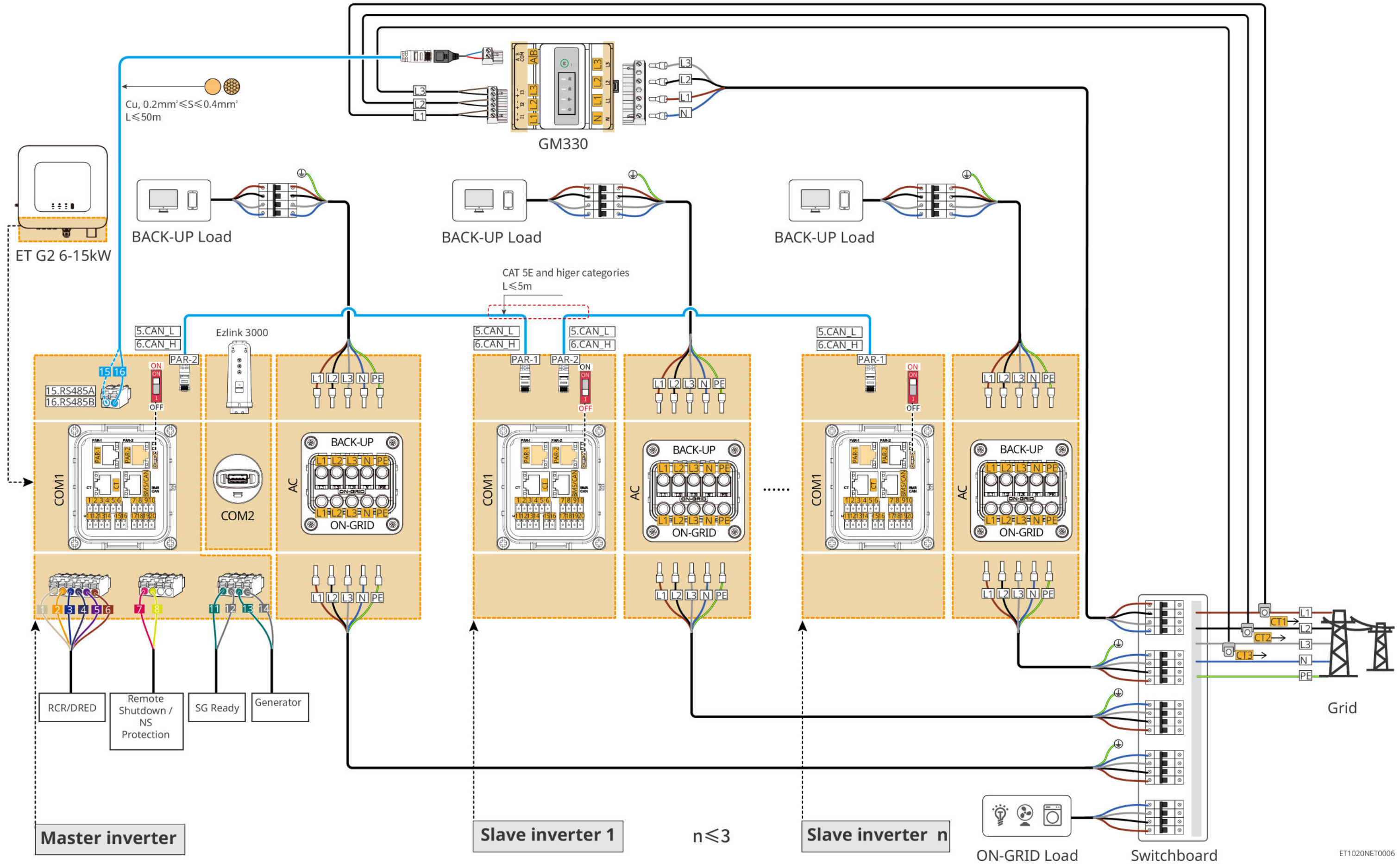
ET G2 6-15kW (single) + Lynx Home F + WiFi/LAN or 4G



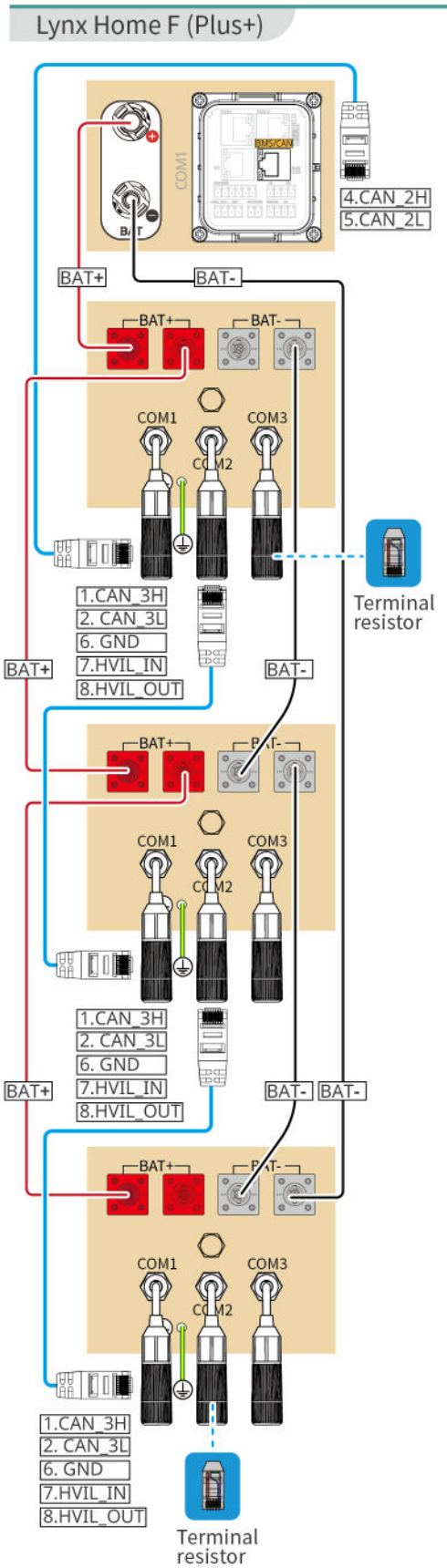
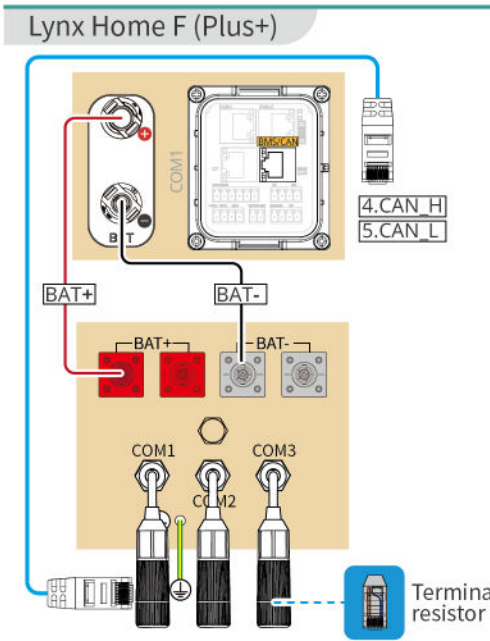
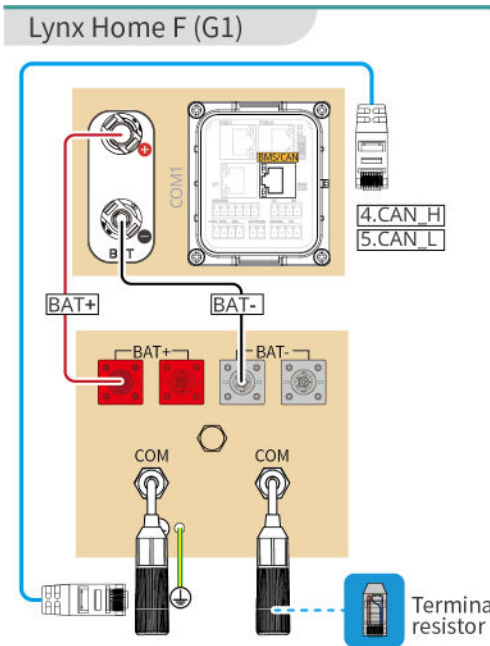




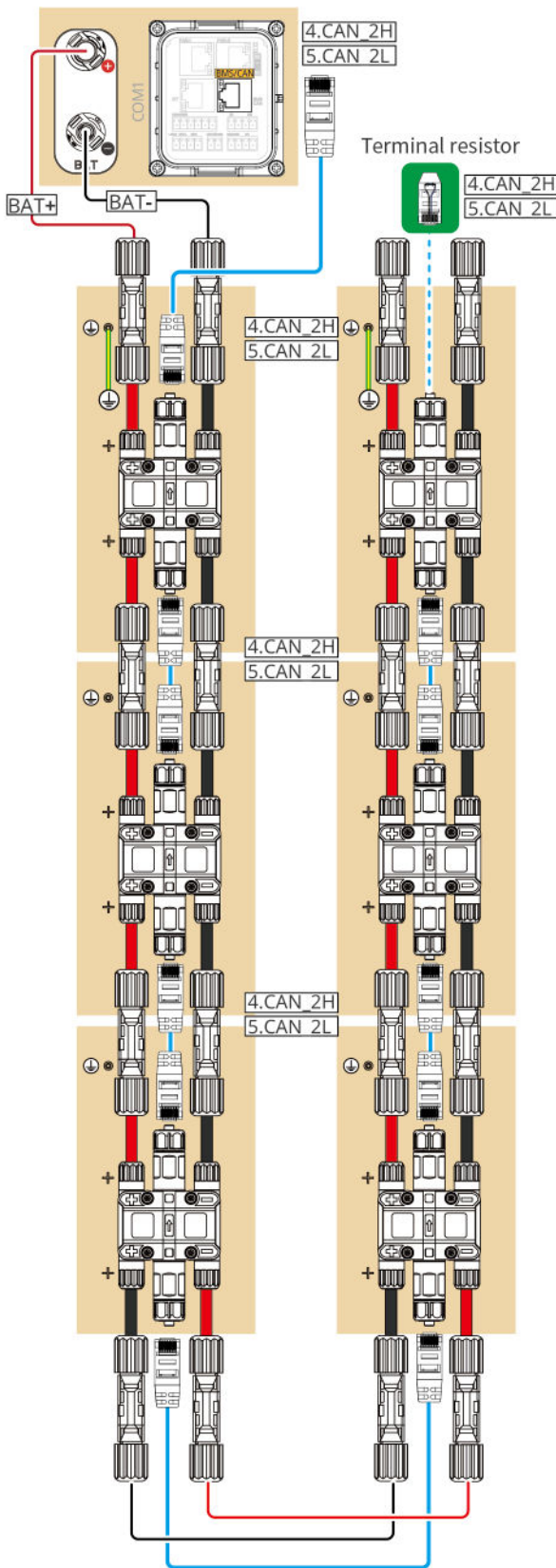
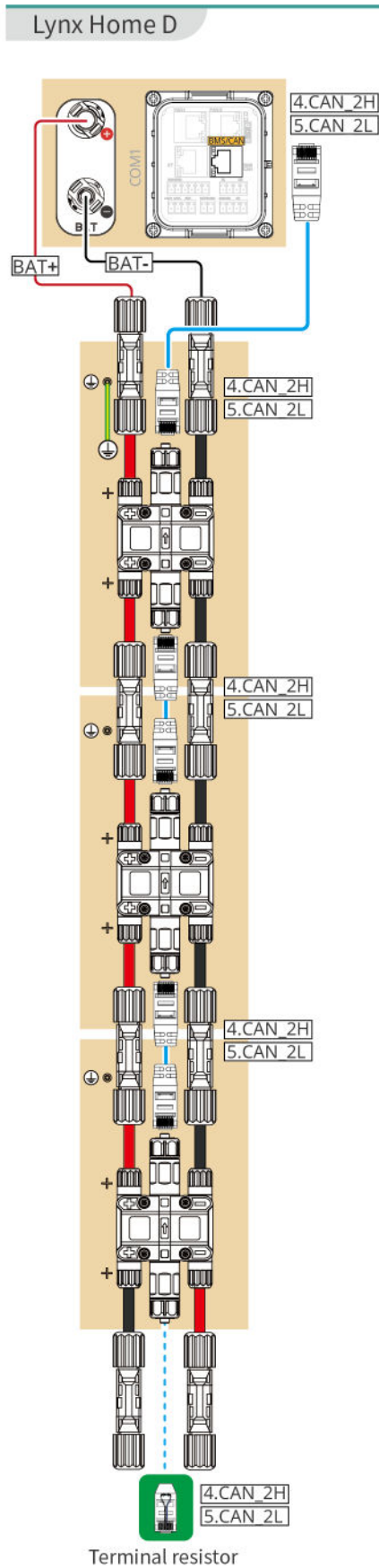




Battery System Wiring Diagram



CAT 5E and higher categories



05 Equipment Commissioning



In parallel scenarios, the software version of SolarGo app should be 5.4.0 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 red box around the 'Safety Code' tab and a red arrow pointing to the 'Warehouse' selection. The 'Warehouse' selection is a dropdown menu with a chevron icon. Below the dropdown, there is a table with the following data:

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 of the screen, there are three buttons: 'Exit', 'PREV', and 'Next'.

Setting Inverter Quantity (Only For Parallel Connections)

Quantity Settings

⚡ ⚡+ ⚡ ⚡ ... ⚡ ...

Number Of Inverters **1** 2 Tower **2** ✓

Exit PREV Next

Setting the BAT Connect Mode

BAT Connect Mode

Battery Connect Setting 

No Battery 

Exit PREV Next

Selected Battery Model

Selected Battery
Manufacturer:--
Series:--
Model:--

GoodWe

LX F-H-JP 

LX F-H-US 

1 Lynx Home F Series G2  2

Lynx Home F Series G2*N 

Lynx Home D Series 

LX C-O 

SECU-S 

Lynx Home D Series*N 

Lynx C Outdoor*2 

If there is no available battery model, please open the mobile network and restart the app to obtain one.

Exit PREV Next

Setting the Working Mode

The image displays a sequence of five screenshots from a mobile application, illustrating the configuration of a solar power system's battery settings. The screenshots are connected by red arrows indicating the flow of the configuration process.

Screenshot 1: Peakshaving Settings
This screen shows the 'Peakshaving' settings. It includes a 'Start Time' and 'End Time' set to 00:00, an 'Import Power Limit' of 0.00 kW, and a 'Reserved SOC For Peakshaving' slider set to 0.00%. A red box highlights the 'Reserved SOC For Peakshaving' slider, with a red arrow pointing to the 'Self-use Mode' settings in the next screenshot.

Screenshot 2: Working mode Selection
This screen shows the 'Working mode' selection. It has two options: 'Self-use Mode' (selected) and 'Peakshaving'. A red box highlights the 'Self-use Mode' option, with a red arrow pointing to the 'Self-use Mode' settings in the next screenshot.

Screenshot 3: Self-use Mode Settings
This screen shows the 'Self-use Mode' settings. It includes 'Depth Of Discharge (On-Grid)' and 'Depth Of Discharge (Off-grid)' both set to 60%. A red box highlights the 'Advanced Settings' link, with a red arrow pointing to the 'Advanced Settings' screen in the next screenshot.

Screenshot 4: Advanced Settings
This screen shows the 'Advanced Settings' menu. It includes options like 'Back-up Mode', 'Economic Mode', and 'Smart Charging'. A red box highlights the 'Back-up Mode' option, with a red arrow pointing to the 'Back-up Mode' settings in the next screenshot.

Screenshot 5: Back-up Mode Settings
This screen shows the 'Back-up Mode' settings. It includes a 'Back-up Mode' toggle switch and a 'Back-up Mode' slider set to 0.00%.

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 ☒

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

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

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

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

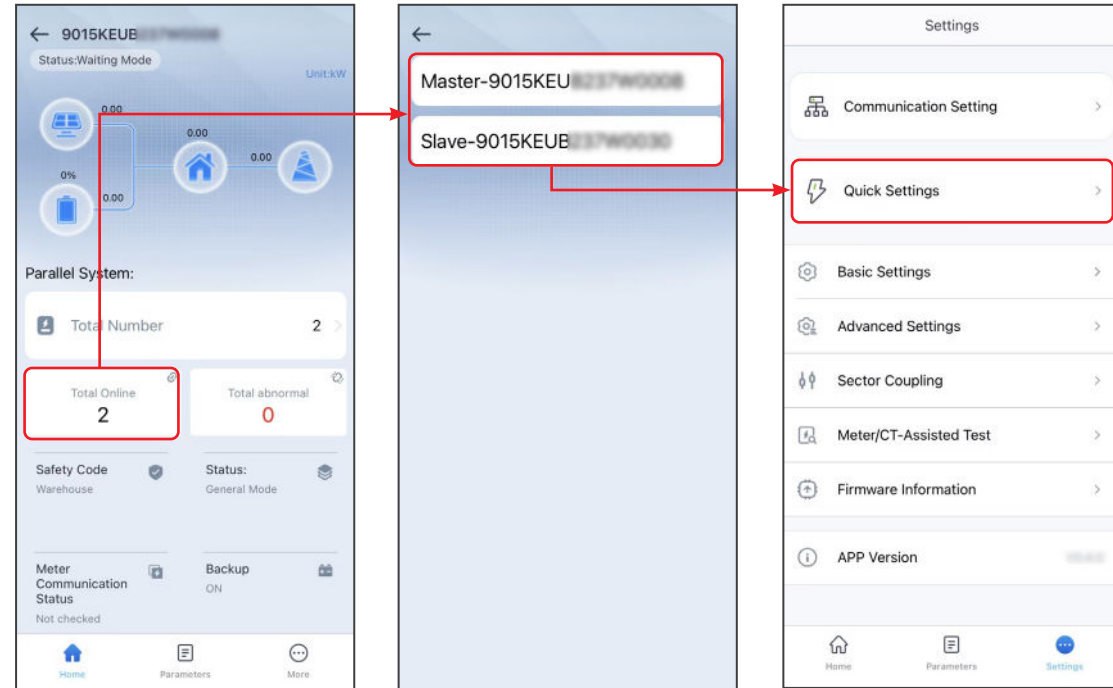
Smart Charging

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)

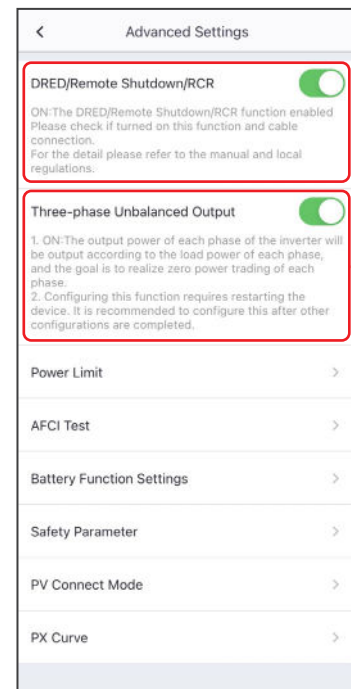
Follow the prompts to set the battery model and connection mode of each inverter.



Setting the Advanced Parameters

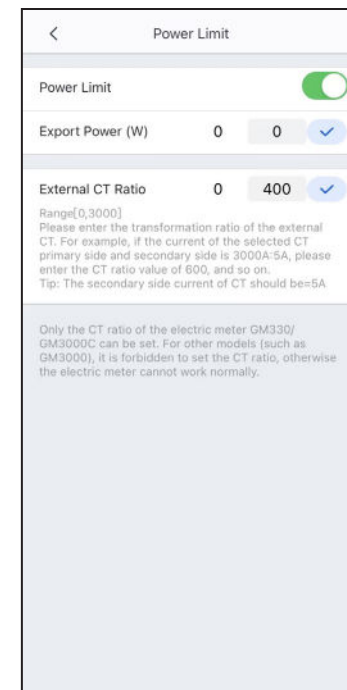
Tap **Home** > **Settings** > **Advanced Settings** to set the following functions.

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.

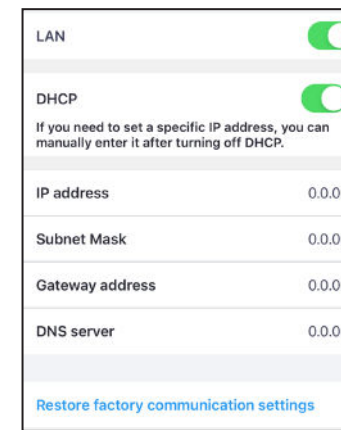
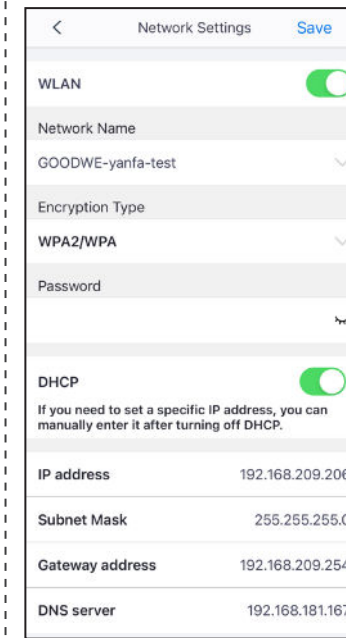
Setting the Power Limit Function



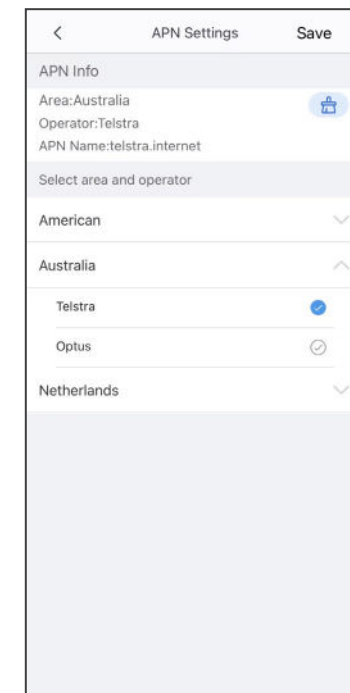
Configuring the Network

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

WiFi/LAN Kit-20



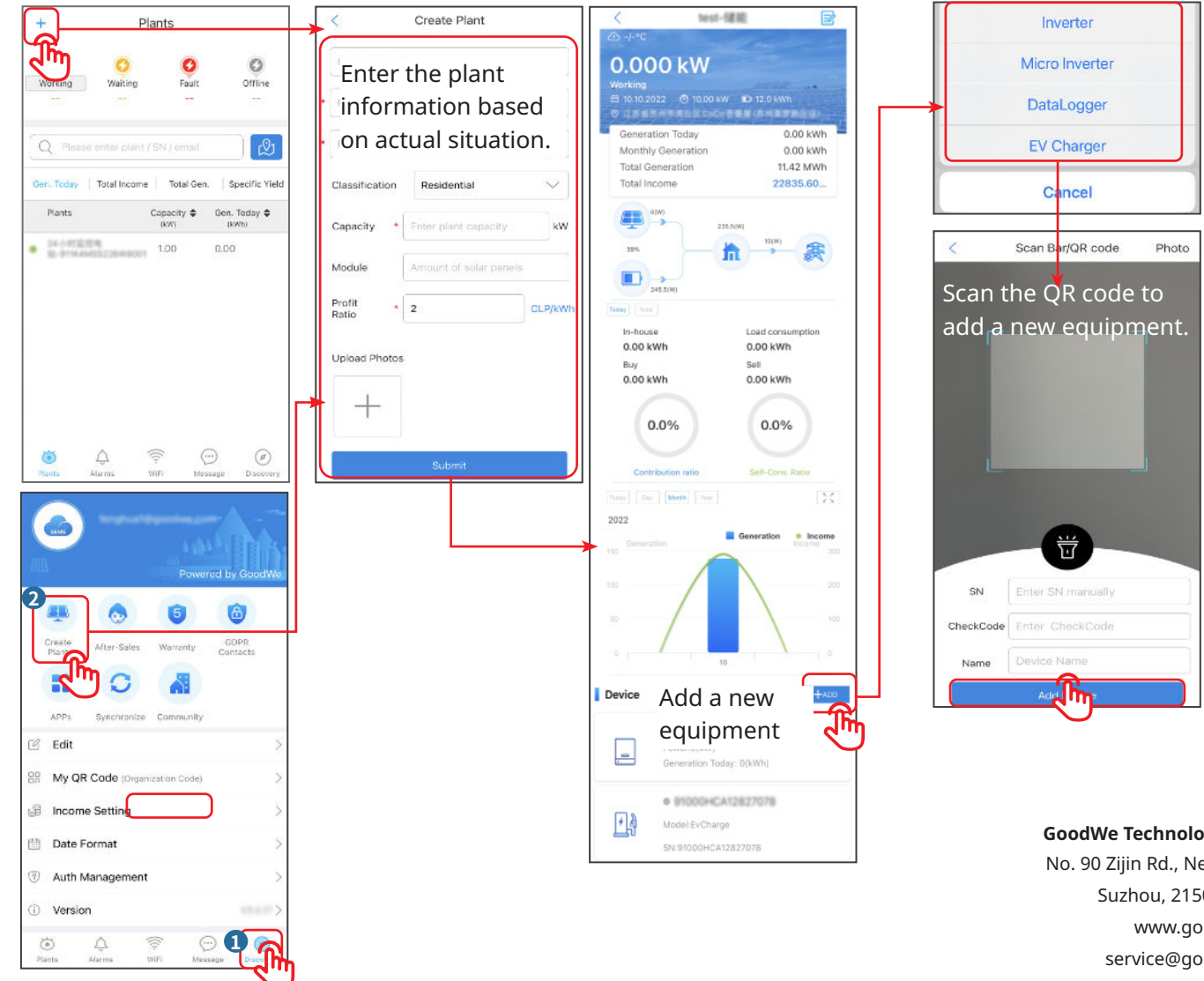
4G Kit-EC Or 4G Kit-AU



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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