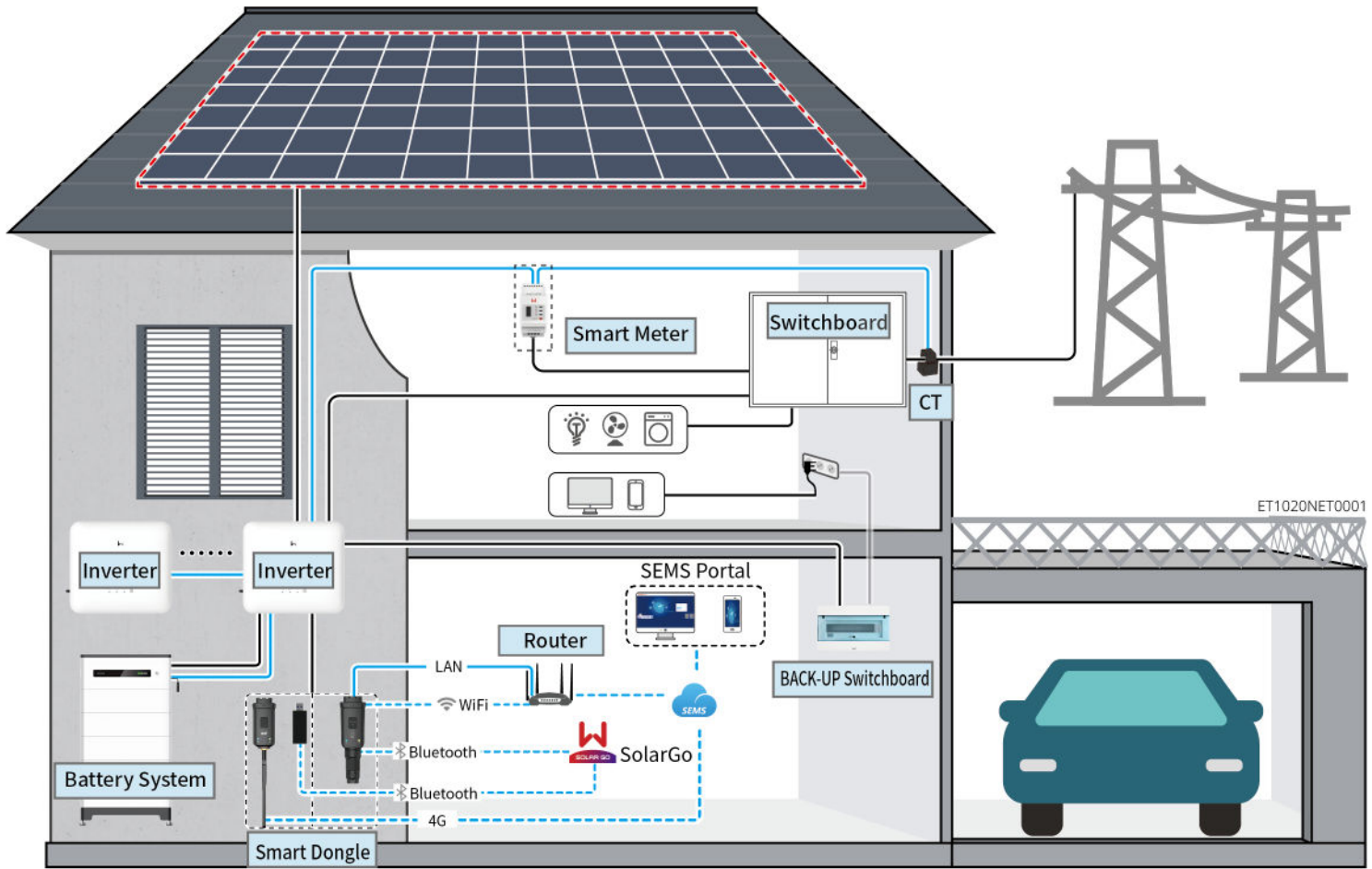


WARNING

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.

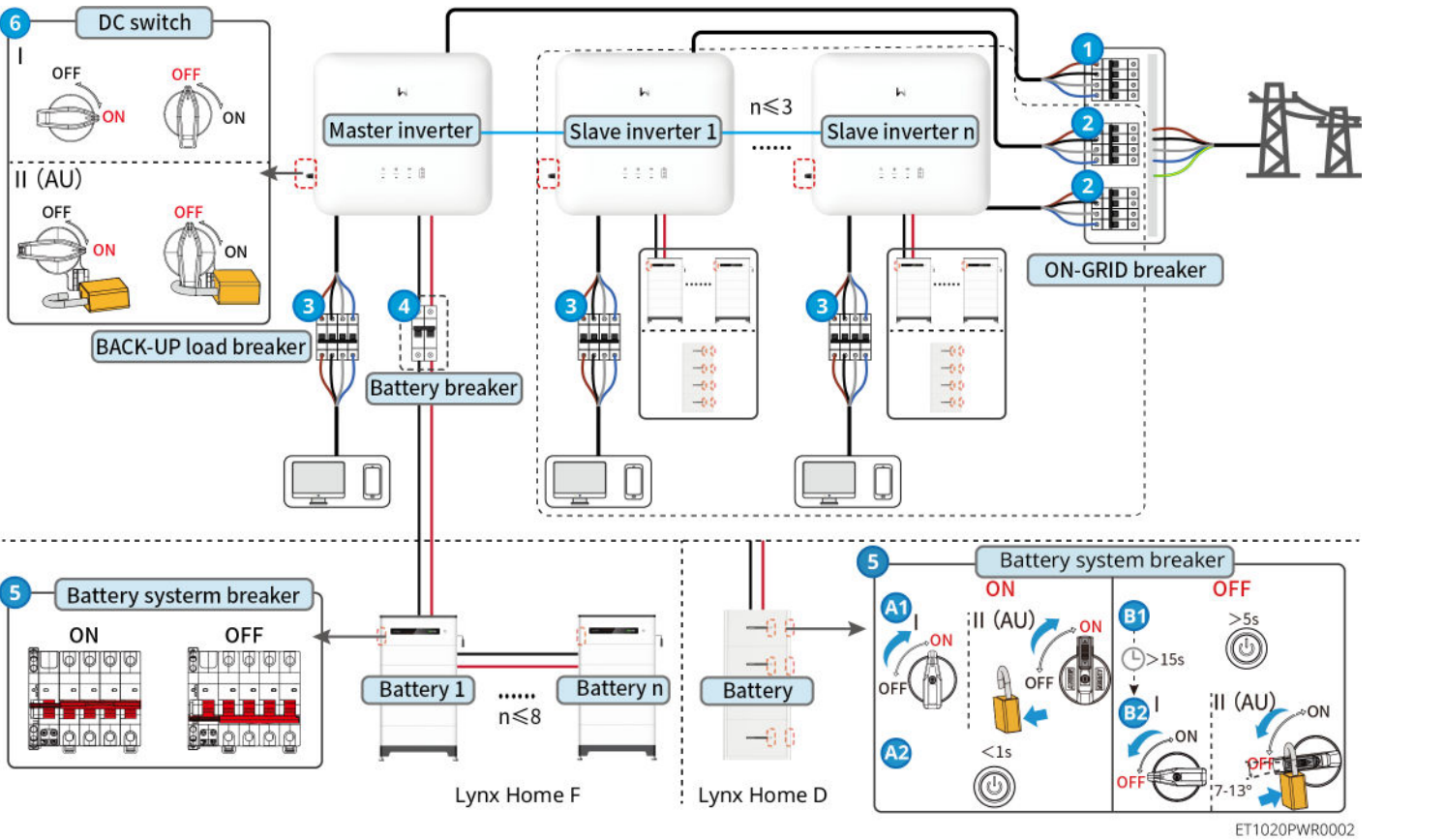
01 Networking



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

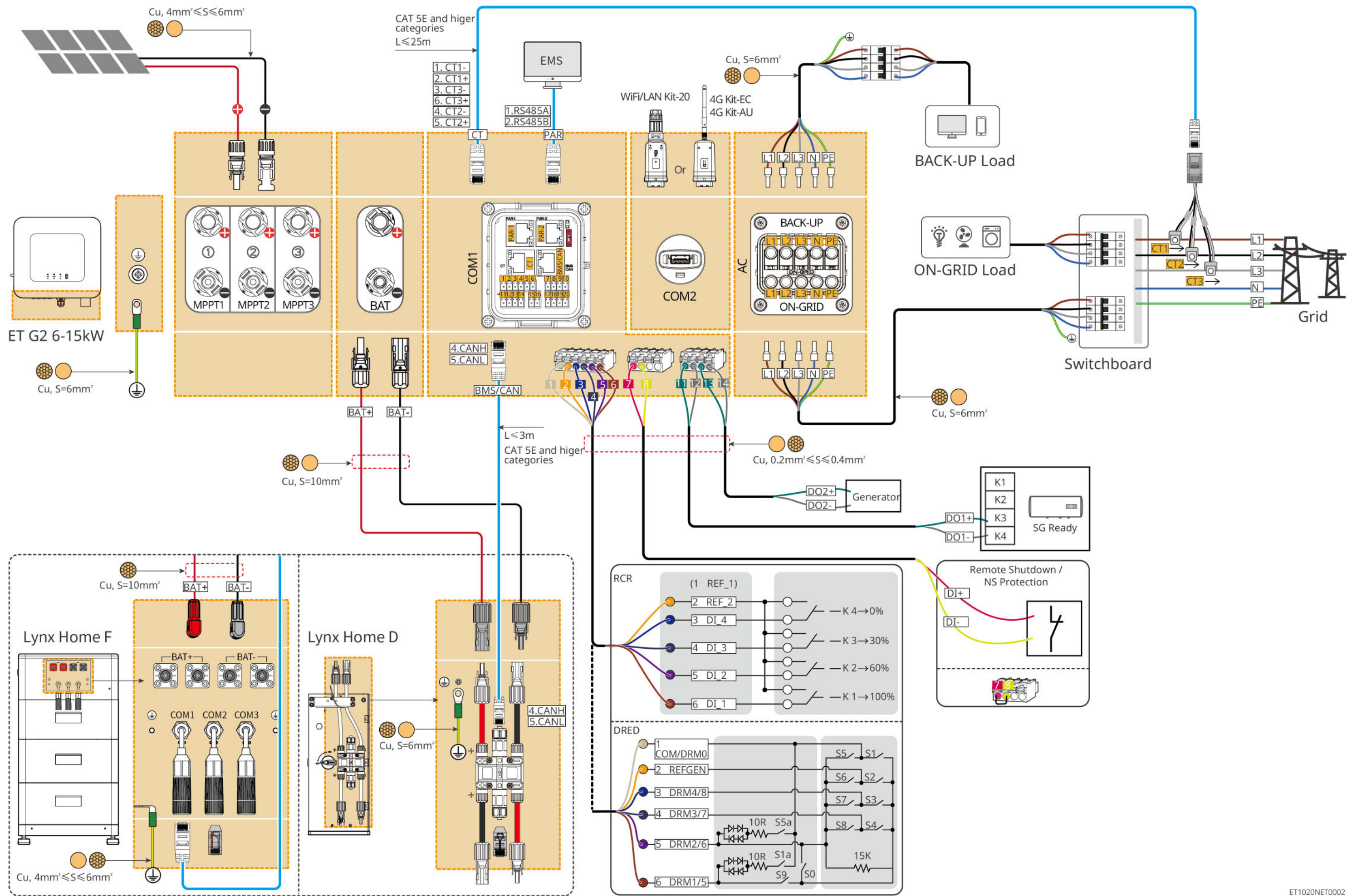
Steps	1 Installation	2 PE	3 PV	4 Battery	5 AC	6 COM	7 Communication module		
Inverter							Bluetooth Module	WiFi/LAN Kit-20	Ezlink3000
Tools	 D: 80mm φ: 8mm M5 1.2-2N·m	 M5 1.5-2N·m	 Recommend: PV-CZM-61100 Recommend: YQK-70	 Recommend: YQK-70 M5 1.5-2N·m	 M5 1.5-2N·m Or		4G Kit-EC 4G Kit-AU		

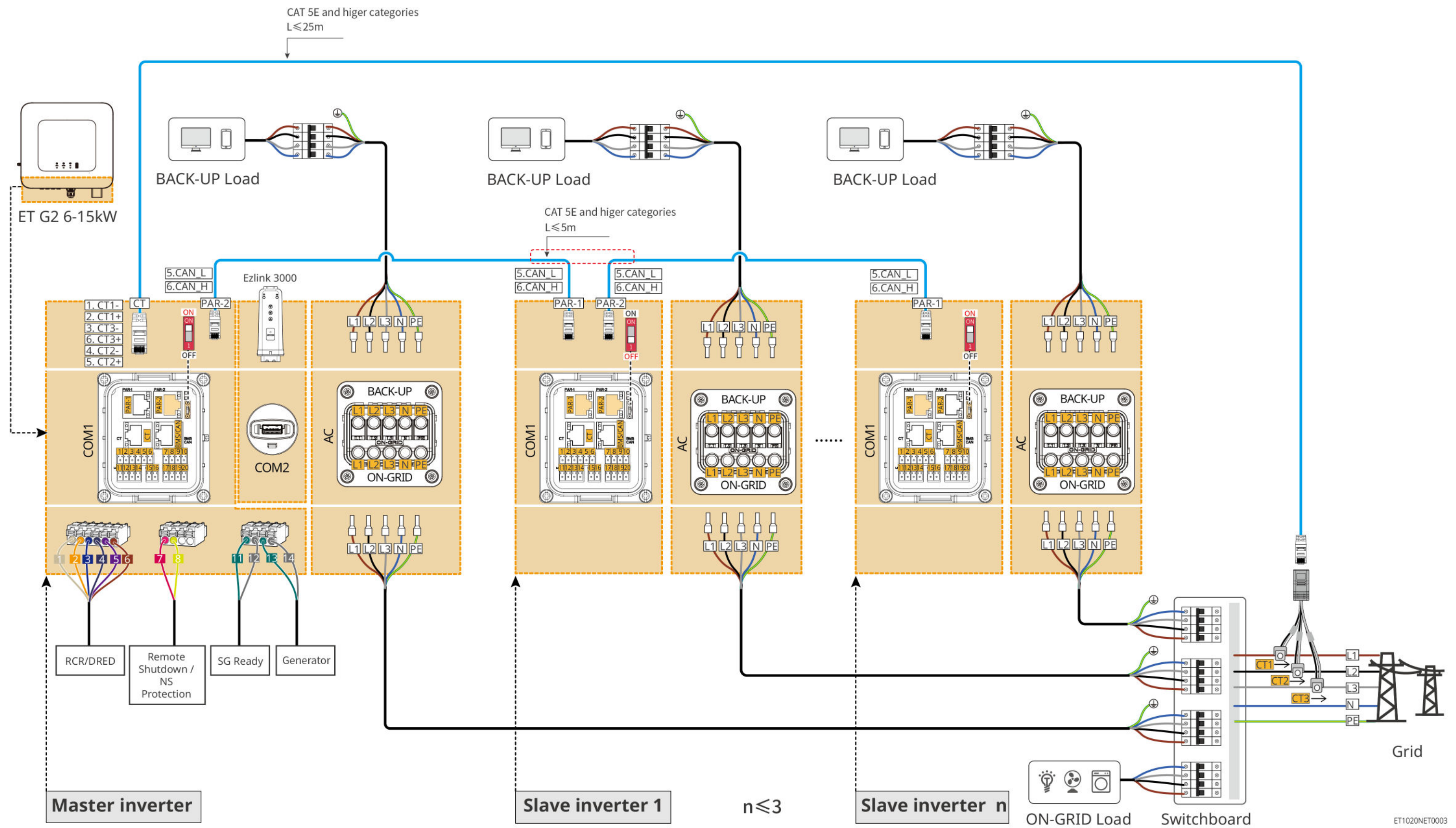
Steps	1 Installation				2 PE	3 Battery			4 COM	
Battery	Lynx Home F (G1)	Lynx Home F (G1 Plus+)	Lynx Home D		Lynx Home F	Lynx Home D	Lynx Home F (G1)	Lynx Home F (G1 Plus+)	Lynx Home D	Lynx Home F
Tools	 D: 80mm φ: 10mm ST5.5 4N·m M5 4N·m	 D: 80mm φ: 10mm ST5.5 4N·m M5 4N·m	 D: 60mm φ: 15mm D: 60mm φ: 8mm M12 45N·m M6 5N·m M5 4N·m	 D: 60mm φ: 15mm D: 60mm φ: 8mm M12 45N·m M6 5N·m M5 4N·m	 M6 6-7N·m M5 4N·m	 M6 6-7N·m M5 4N·m	 Recommend: YQK-70 Recommend: YQK-70	 Recommend: YQK-70 Recommend: YQK-70	 Recommend: YQK-70 Recommend: YQK-70	 Recommend: YQK-70 Recommend: YQK-70

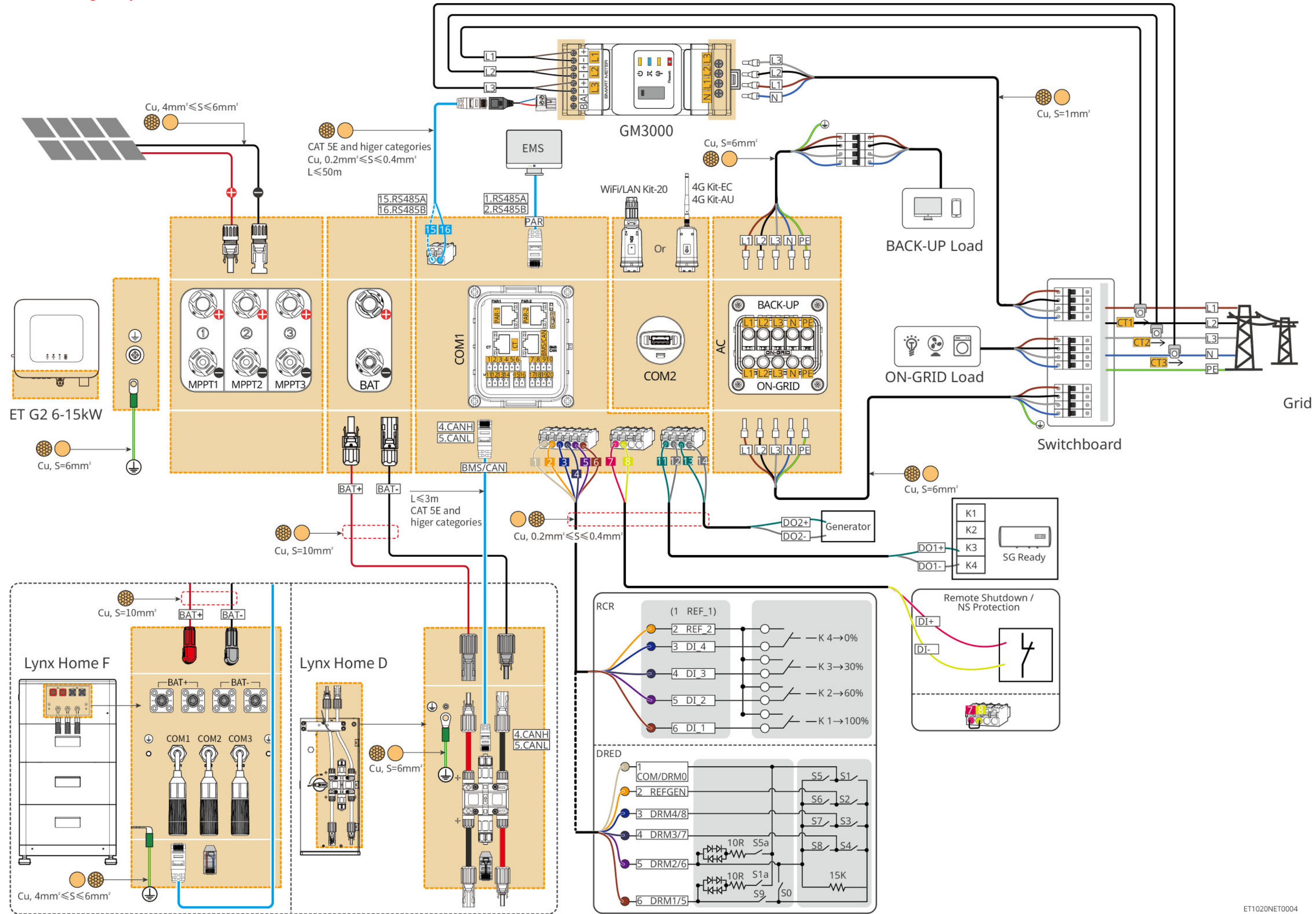
Steps	1 Installation		2 Cable Connections		3 Power	4 Commissioning	
Smart meter	GM3000	GM330	GM3000	GM330	AC breaker	 SolarGo APP	 SEMS Portal APP or SEMS Portal WEB

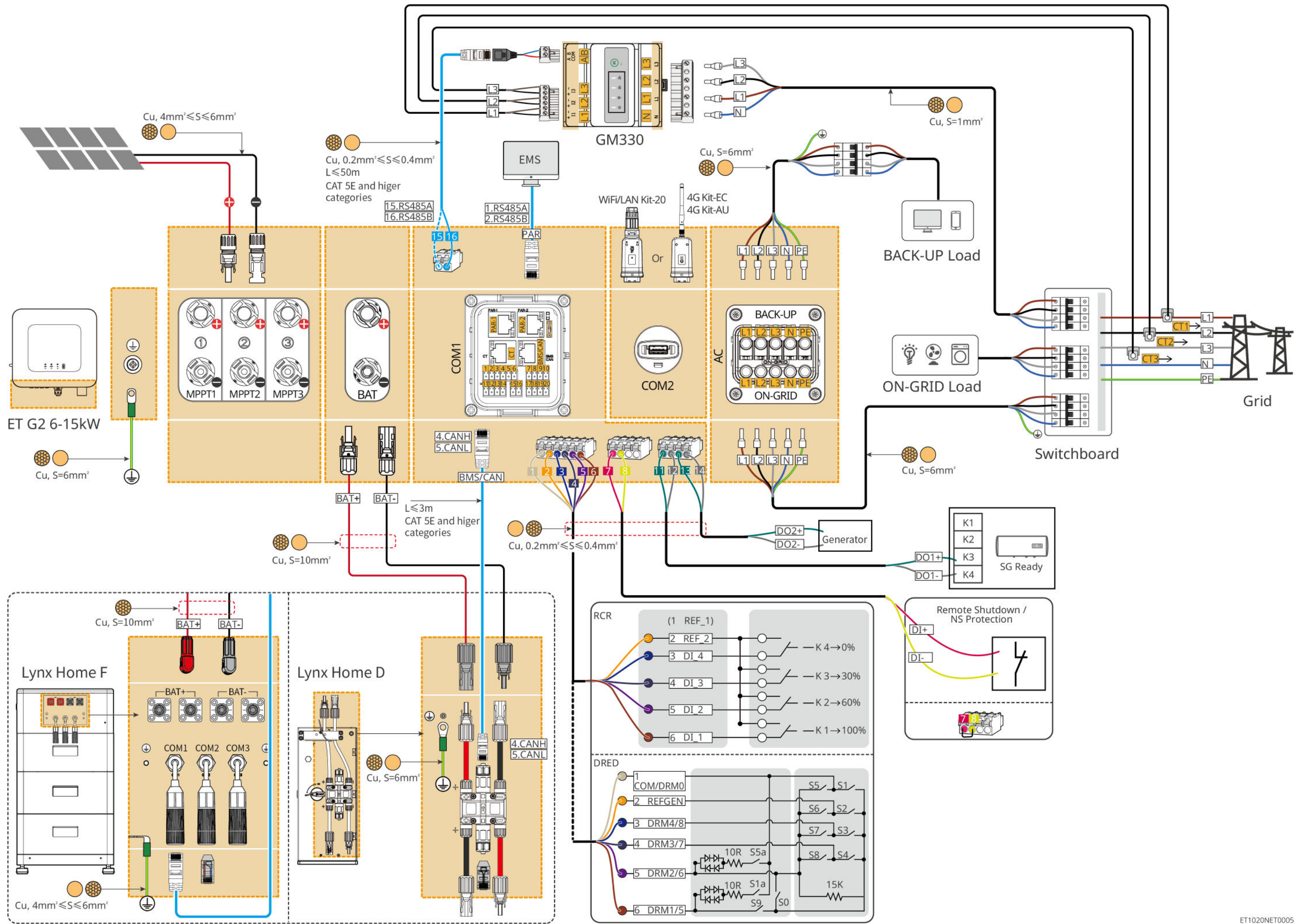
04 Wiring Diagram

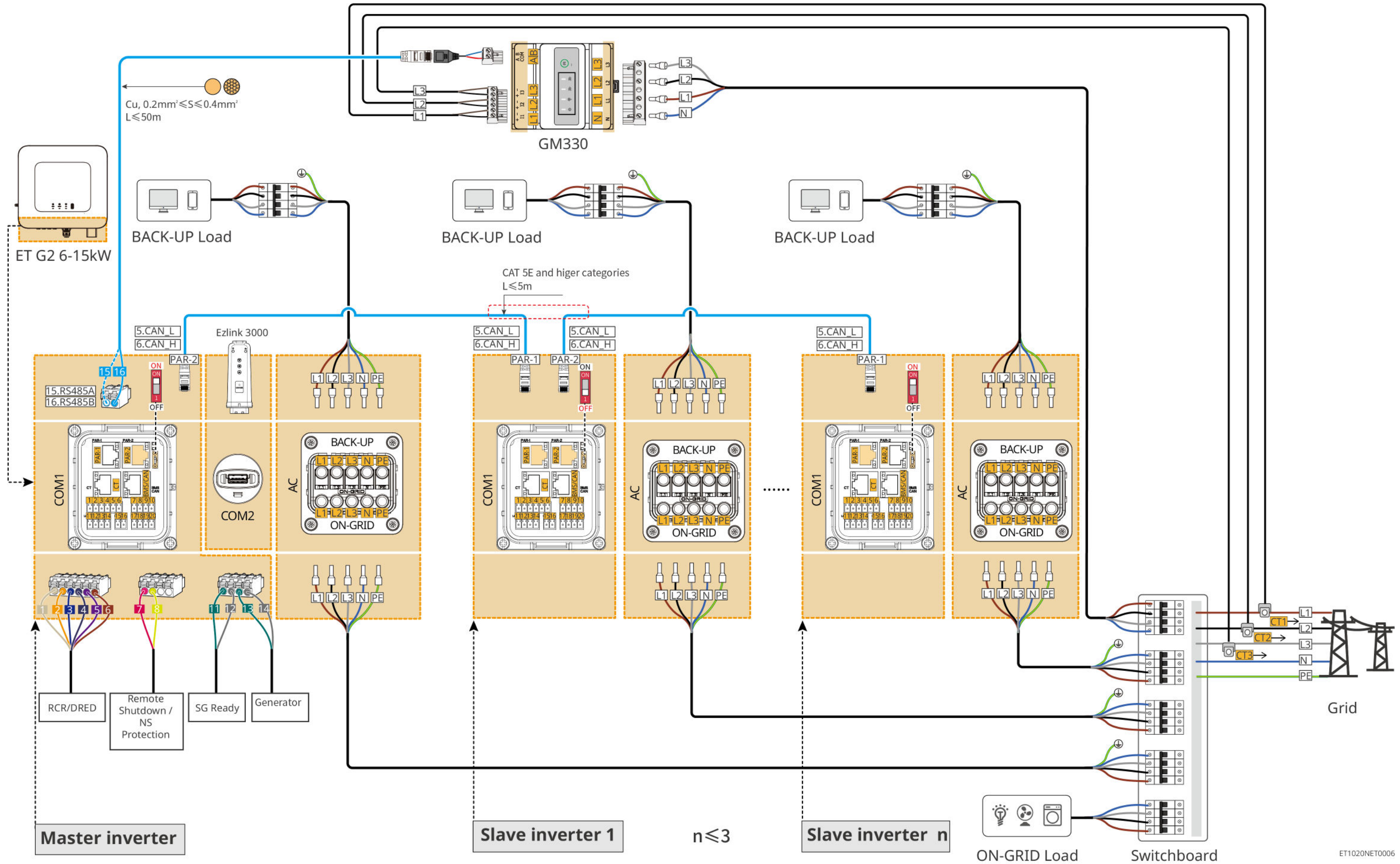
ET G2 6-15kW (single) + Lynx Home F + WiFi/LAN or 4G



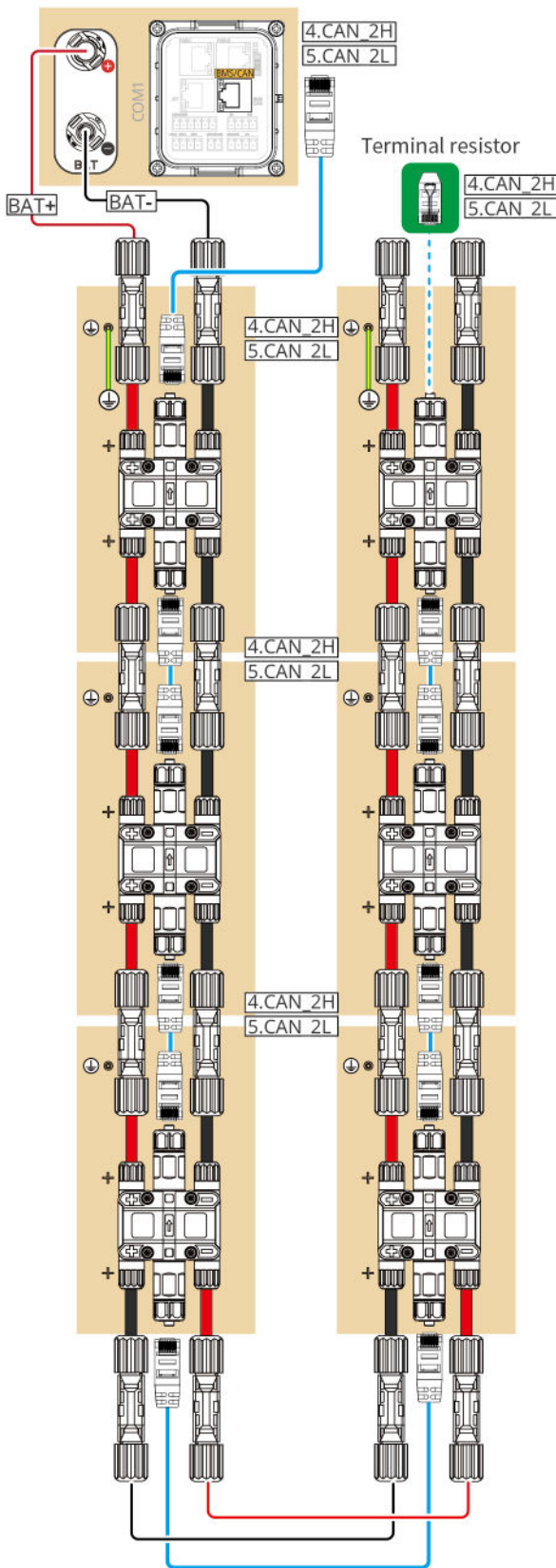
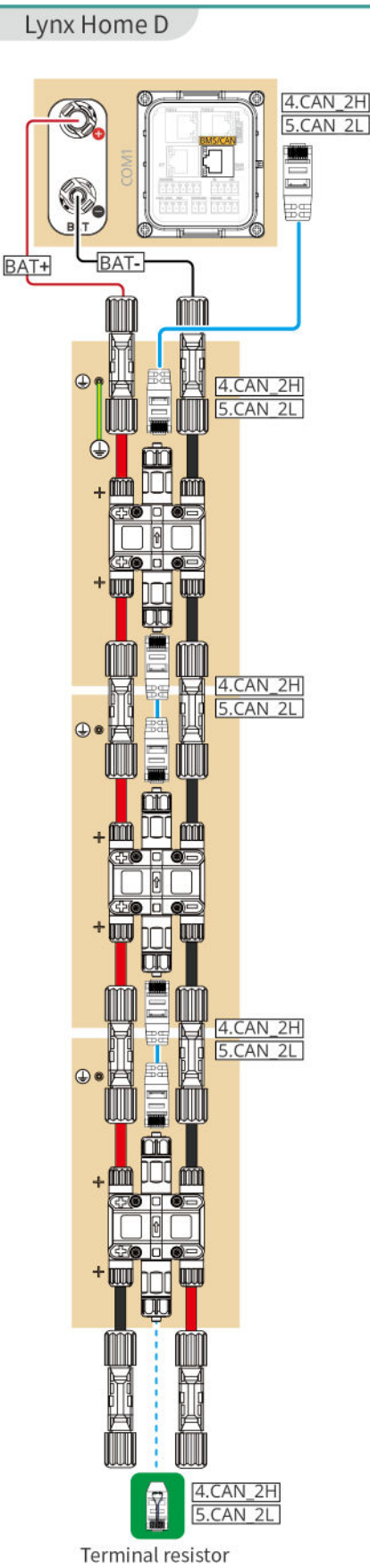
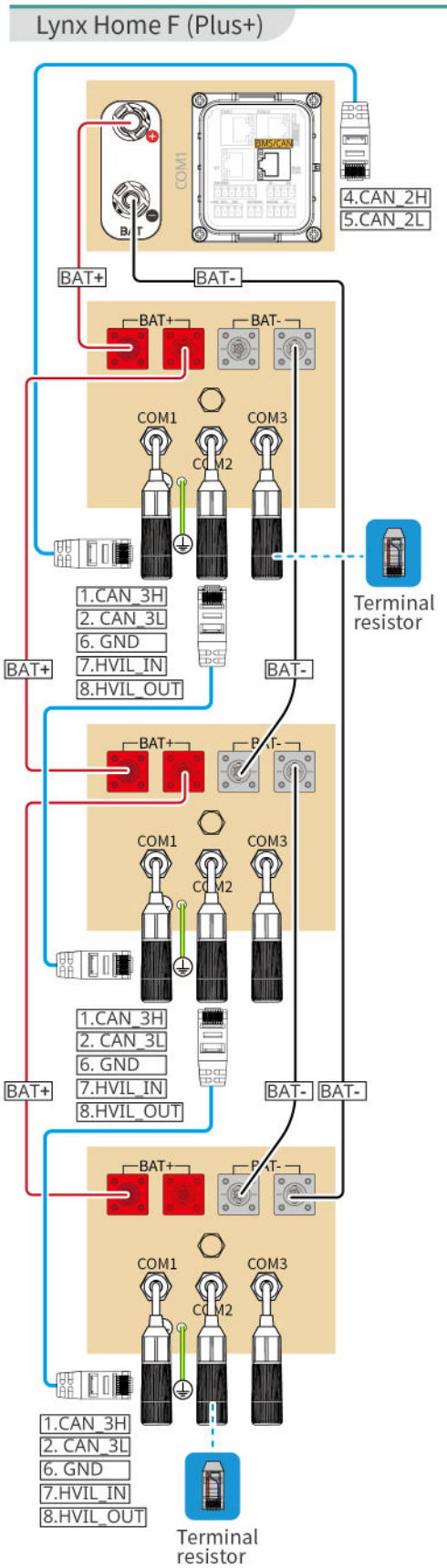
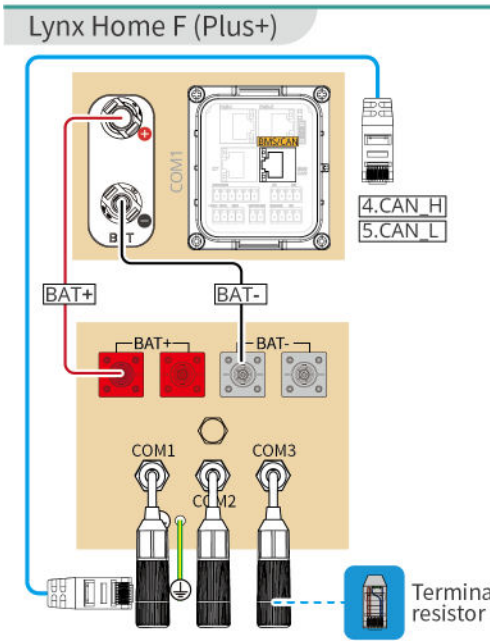
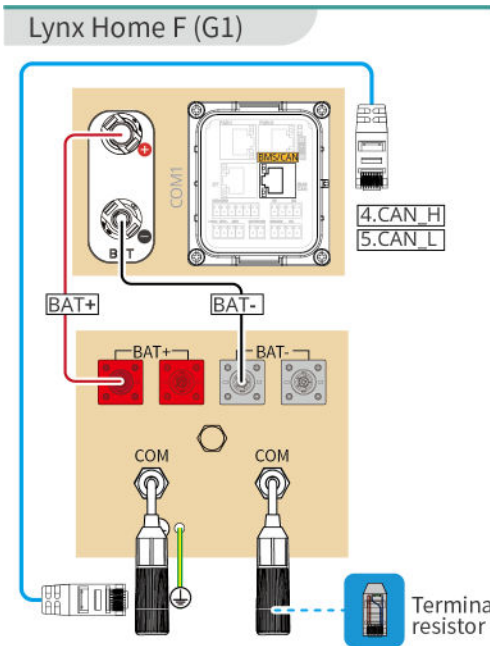








Battery System Wiring Diagram



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

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

Exit

PREV

Next

Safety Code

Save

Europe

Cyprus

Oceania

Czech

America

Denmark

Asia

Estonia

Africa

Finland

Others

France

Germany

DE MV

Based on VDE-AR-N 4110/4120

For AC Coupled Inverter

Based on VDE-AR-N 4105

For Hybrid Inverter

Based on VDE-AR-N 4105

Greece

Setting Inverter Quantity (Only For Parallel Connections)

Quantity Settings

Number Of Inverters

1

2

Tower

Exit

PREV

Next

Setting the BAT Connect Mode

BAT Connect Mode

Battery Connect Setting

No Battery

Select 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

Peakshaving

Start Time

00:00

End Time

00:00

Import Power Limit

0.00

Reserved SOC For Peakshaving

Range(0,100)%

Self-use Mode

Peakshaving

Working mode

Self-use Mode

Peakshaving

Self-use Mode

Depth Of Discharge (On-Grid)

60

Depth Of Discharge (Off-grid)

60

Advanced Settings

Back-up Mode

Economic Mode

Smart Charging

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

Economic Mode

Smart Charging Mode

Charging From Grid

Rated Power

0.0

Grid charge: Open

Backup SOC: 60%

Charging From Grid

0.0

Grid charge: Close

Backup SOC: 60%

Battery Working Mode Group1

Charge

Power:50.0 %

SOC:98%

00:00-07:00

Battery Working Mode Group2

Discharge

Power:50.0 %

08:00-16:00

Smart Charging Month

Peak Limiting Power

0.0

Switch To Charge

Charging Time

00:00

Smart Charging Month

Peak Limiting Power

0.0

Switch To Charge

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

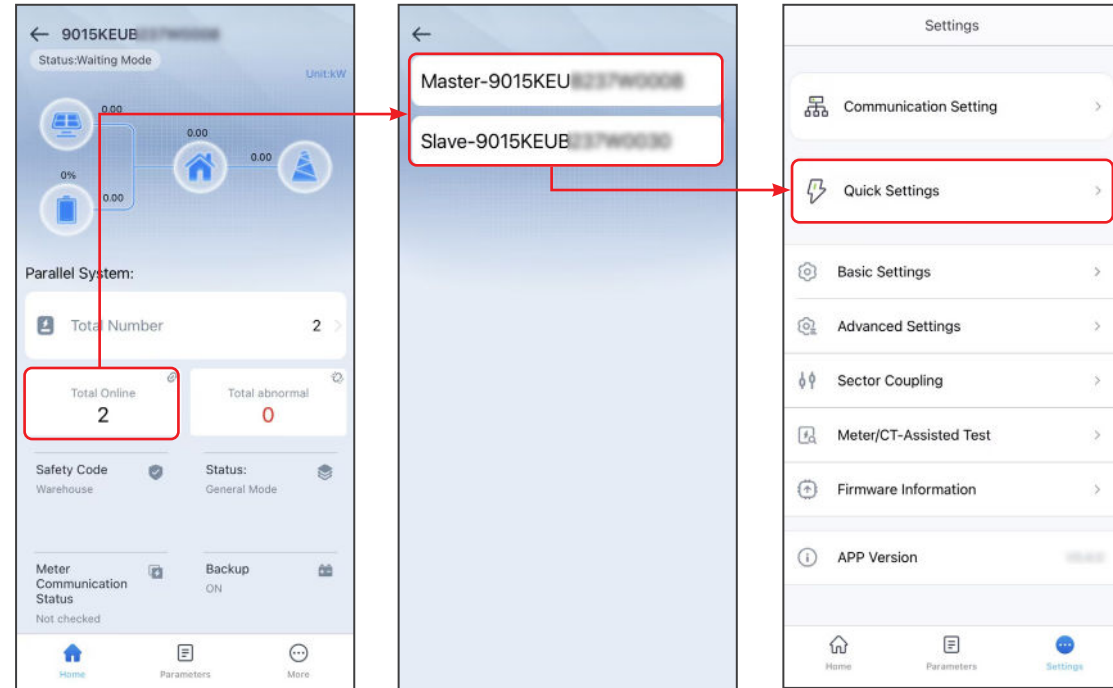
For some areas with peak limiting power, the excess energy of PV which exceed grid connection limitation can be used for charging battery, minimize the PV energy waste.

Switch to charge: Close

PV < Peak limiting power

Setting Batteries Of Each Inverters (Only For Parallel Connections)

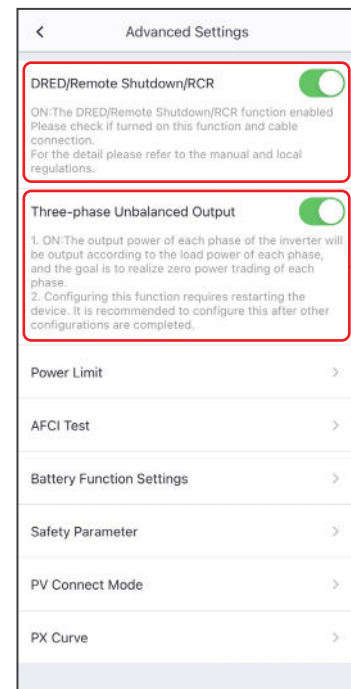
Follow the prompts to set the battery model and connection mode of each inverter.



Setting the Advanced Parameters

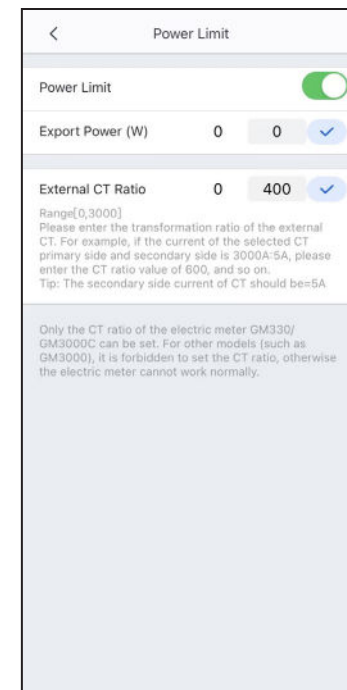
Tap **Home** > **Settings** > **Advanced Settings** to set the following functions.

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.

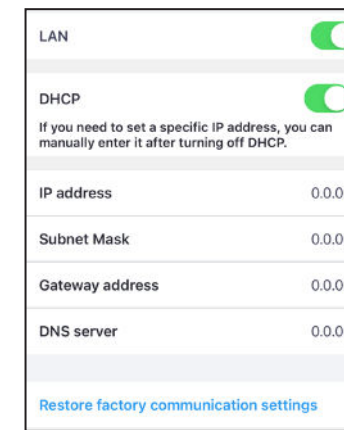
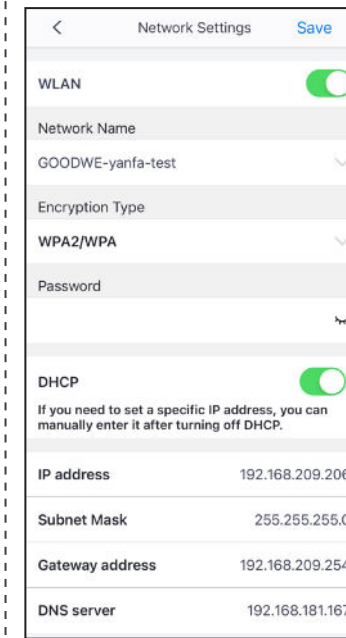
Setting the Power Limit Function



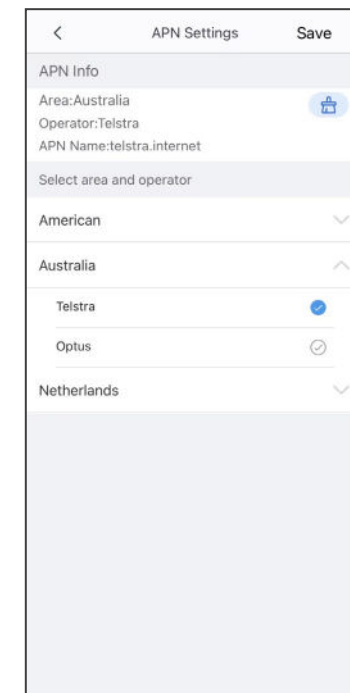
Configuring the Network

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

WiFi/LAN Kit-20



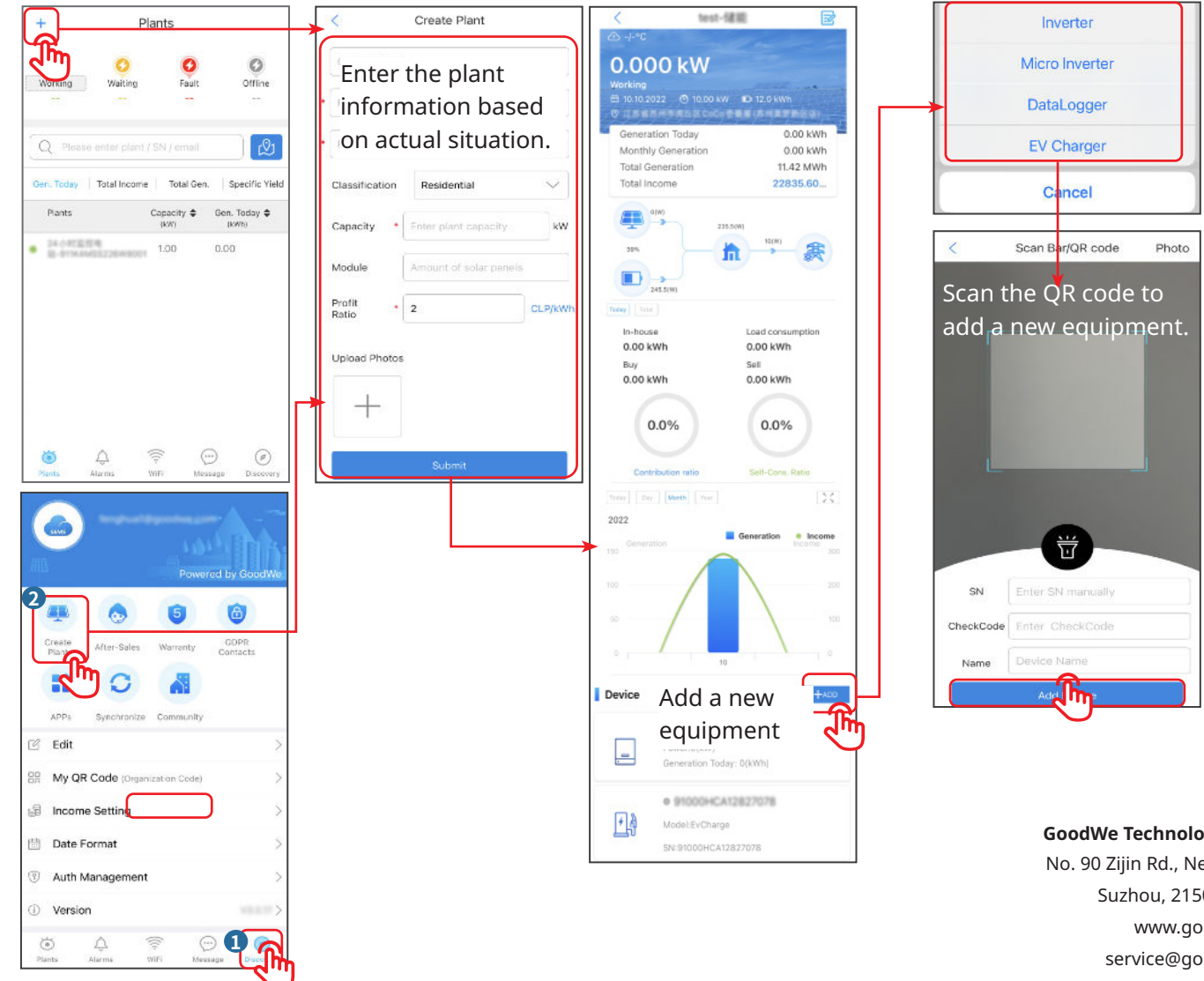
4G Kit-EC Or 4G Kit-AU



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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