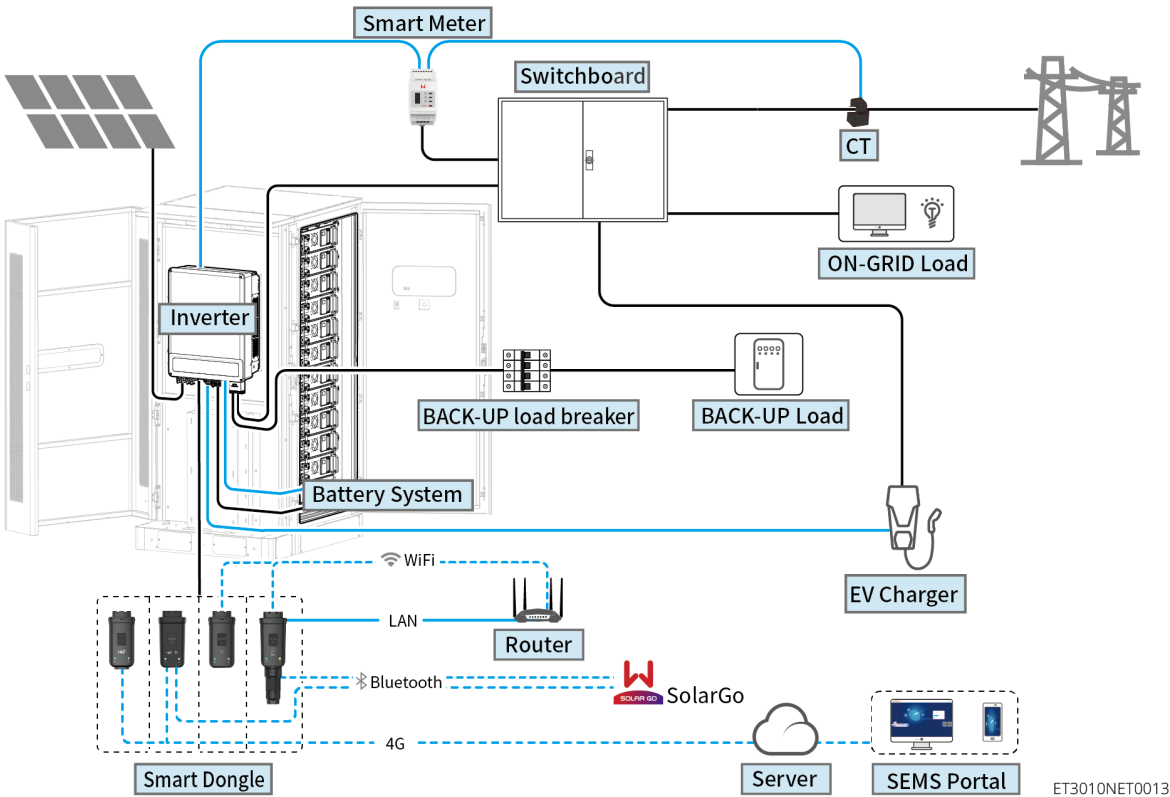


WARNING

The information in this user manual 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.

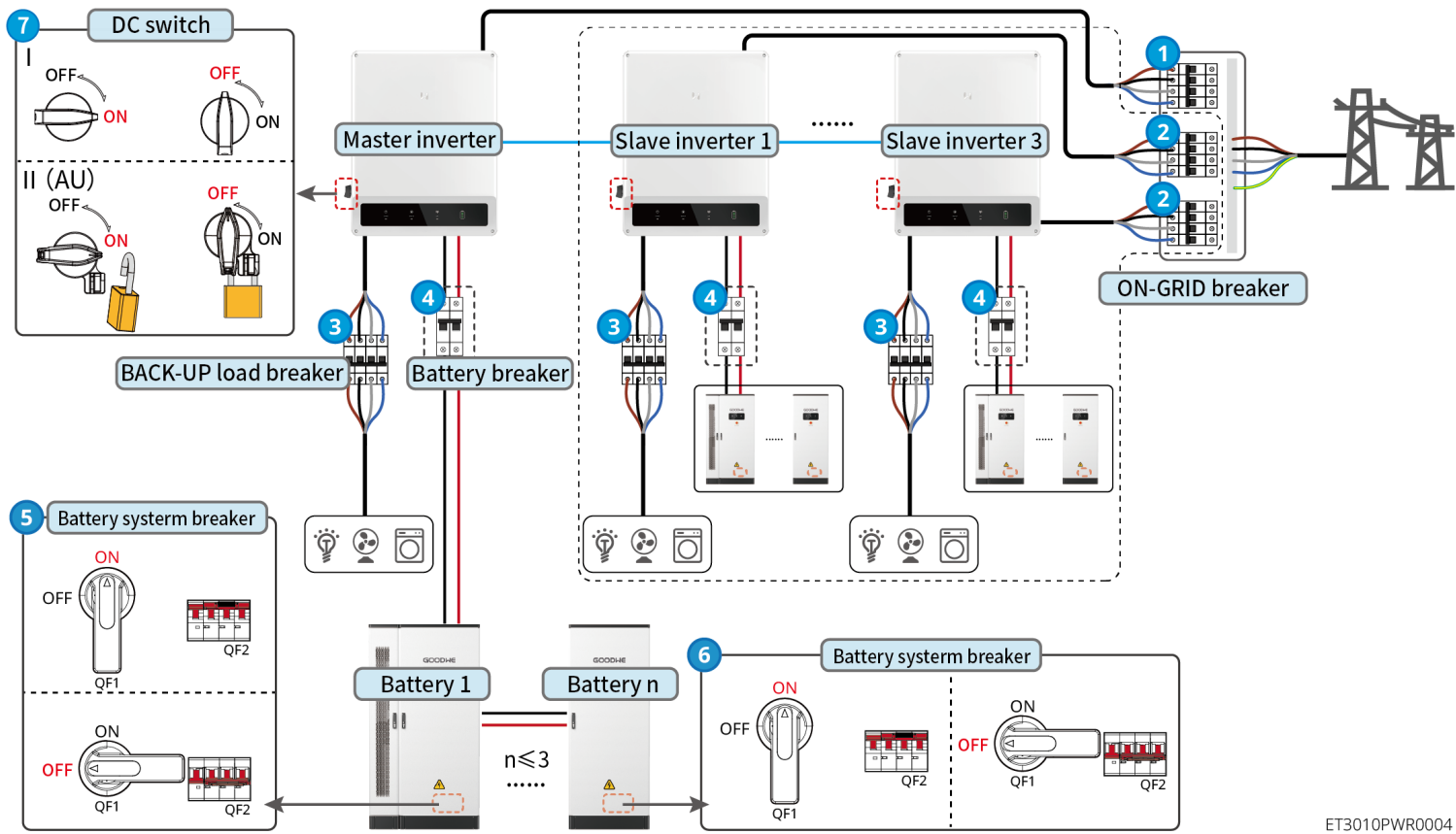
01 Networking



Product Type	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	GW60KWH-D-10 GW60KWH-D-10(Extension)	A maximum of 3 battery systems can be clustered in a system.
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>GM330: 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>

Product Type	Model	Description
Smart dongle	<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 EzLink3000 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:





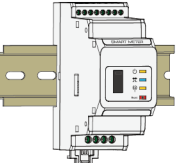
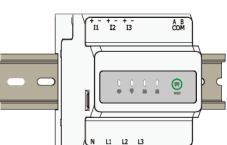
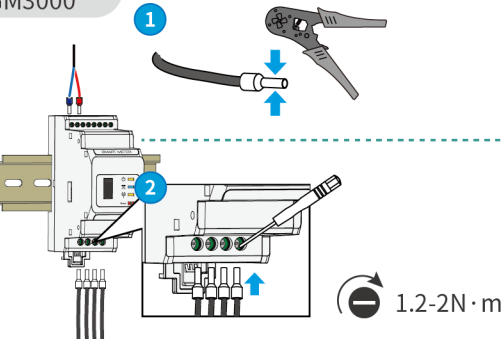
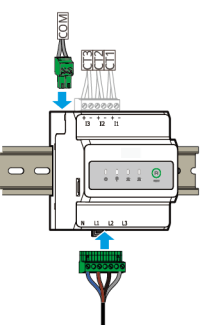
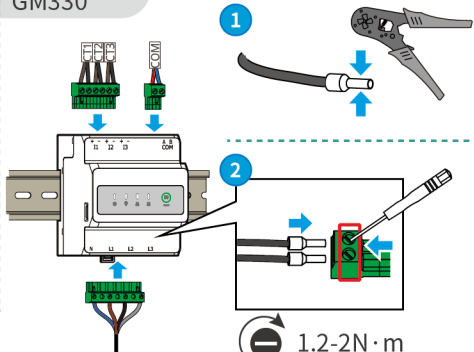
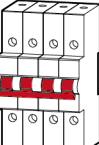


④ : Optional in compliance with local laws and regulations.

03 Installations

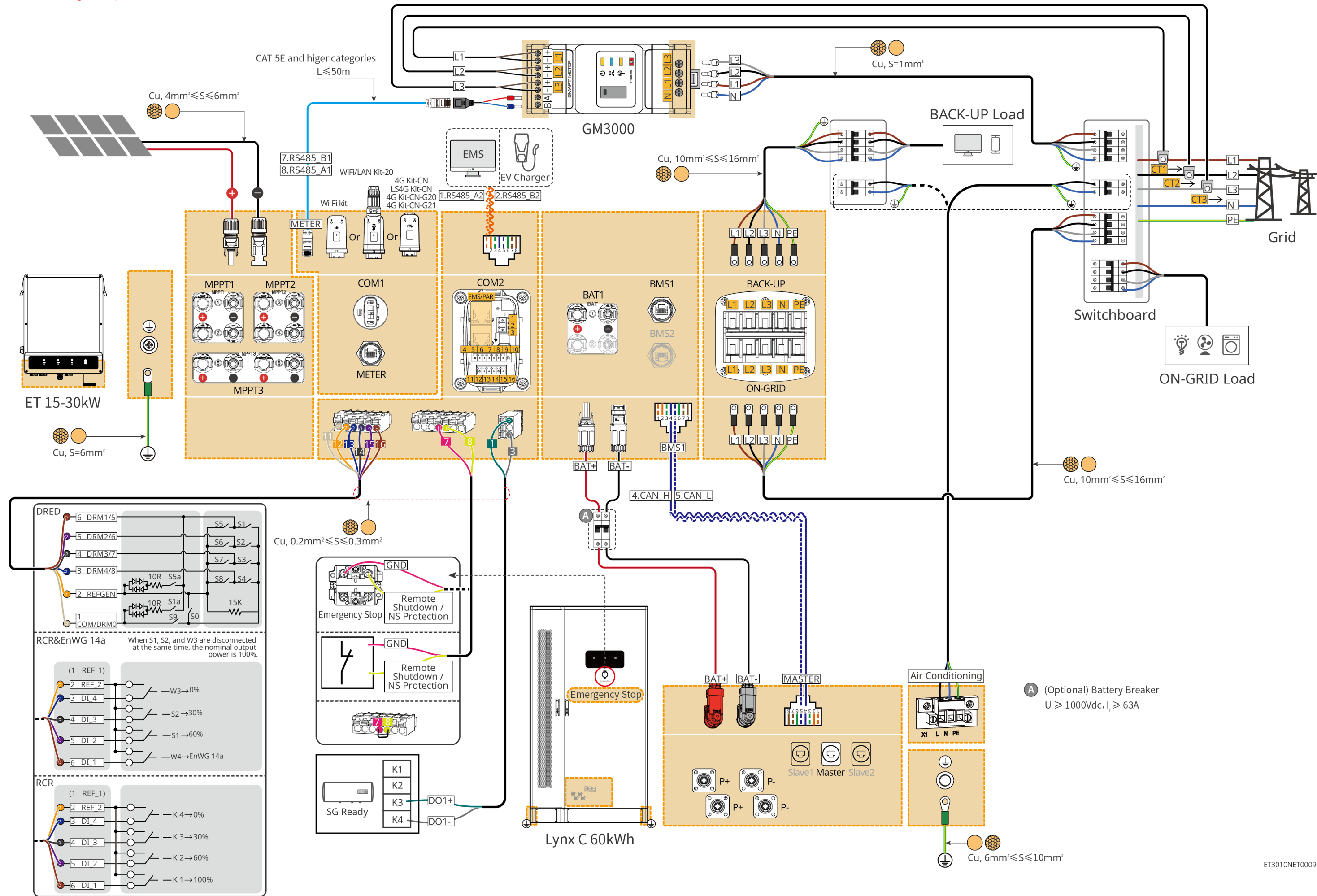
Steps	1 Installation	2 PE	3 Battery		4 COM
Battery					
Tools	<div>1  D: 80mm φ: 14mm</div> <div>2  M12 50N·m</div>	 M5 4.5N·m	<div>1  M6 6N·m</div> <div>2  M8 10N·m</div>	Recommend: YQK-70  2  M5 4.5-6N·m	

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	<div>1  M5 4.5N·m</div> <div>2  M5 1.2~2N·m</div>	 M5 1.2~2N·m	Recommend: PV-CZM-61100 	Recommend: VXC9 	<div>1  M5 2~3N·m</div> <div>2  M6 3~4N·m</div>	 M4 1.5N·m			

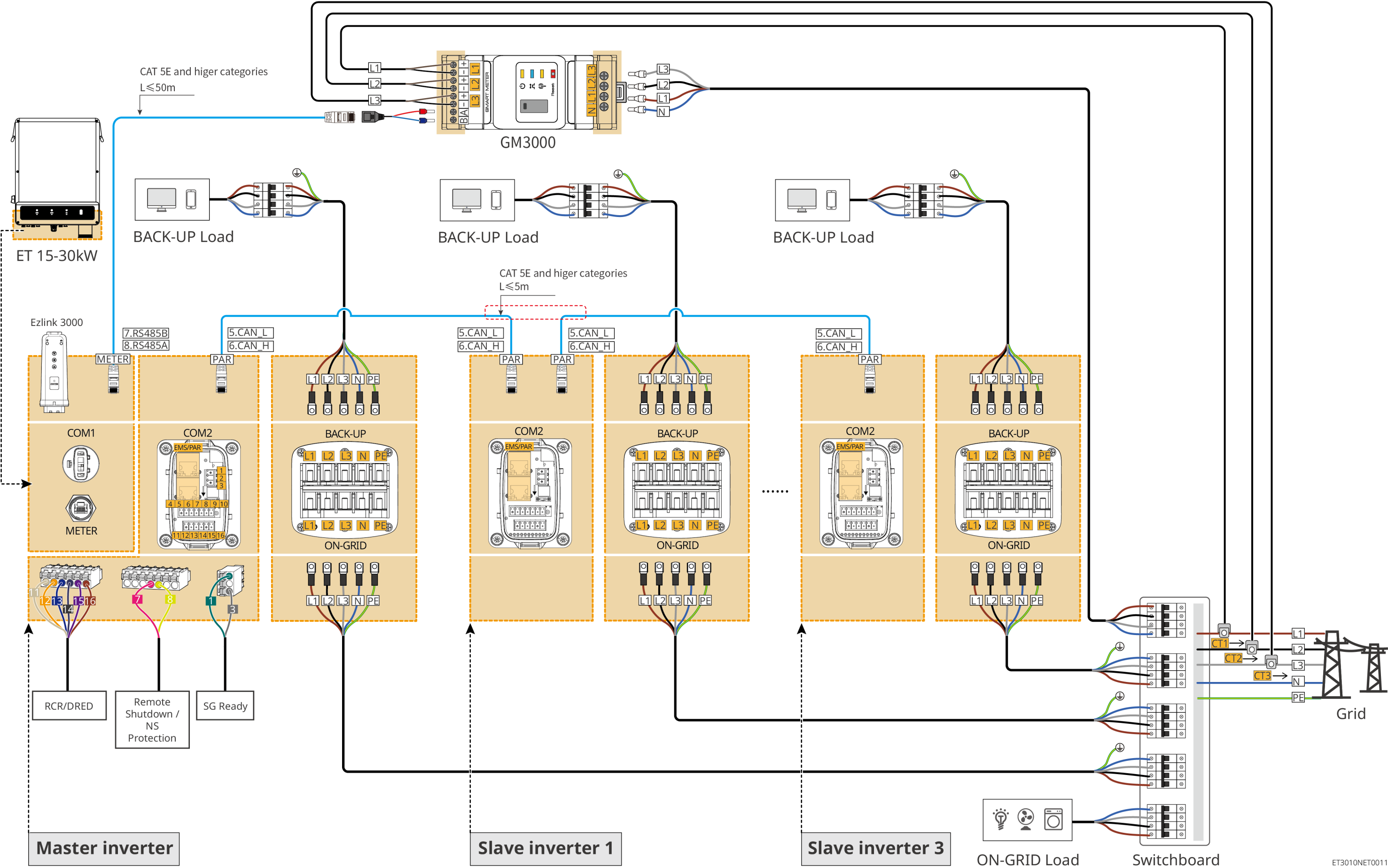
Steps	1 Installation		2 Cable Connections		3 Power	4 Commissioning	
Smart meter	GM3000	GM330/GMK330	GM3000	GMK330	GM330	AC breaker	    SolarGo APP
		 GM330: CT×0 GMK330: CT×3					

04 Wiring Diagram

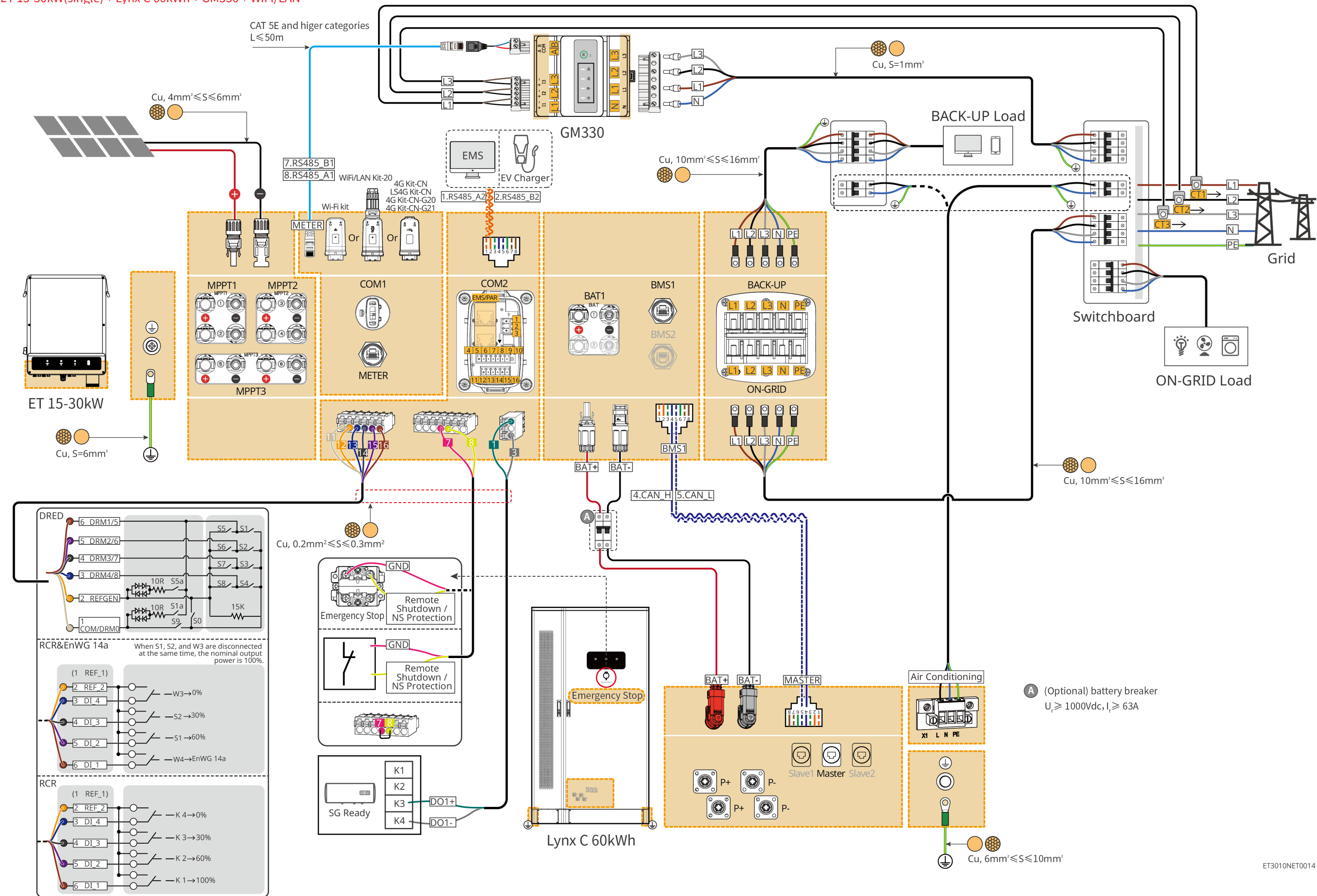
ET 15-30kW(single) + Lynx C 60kWh + GM3000 + WiFi/LAN

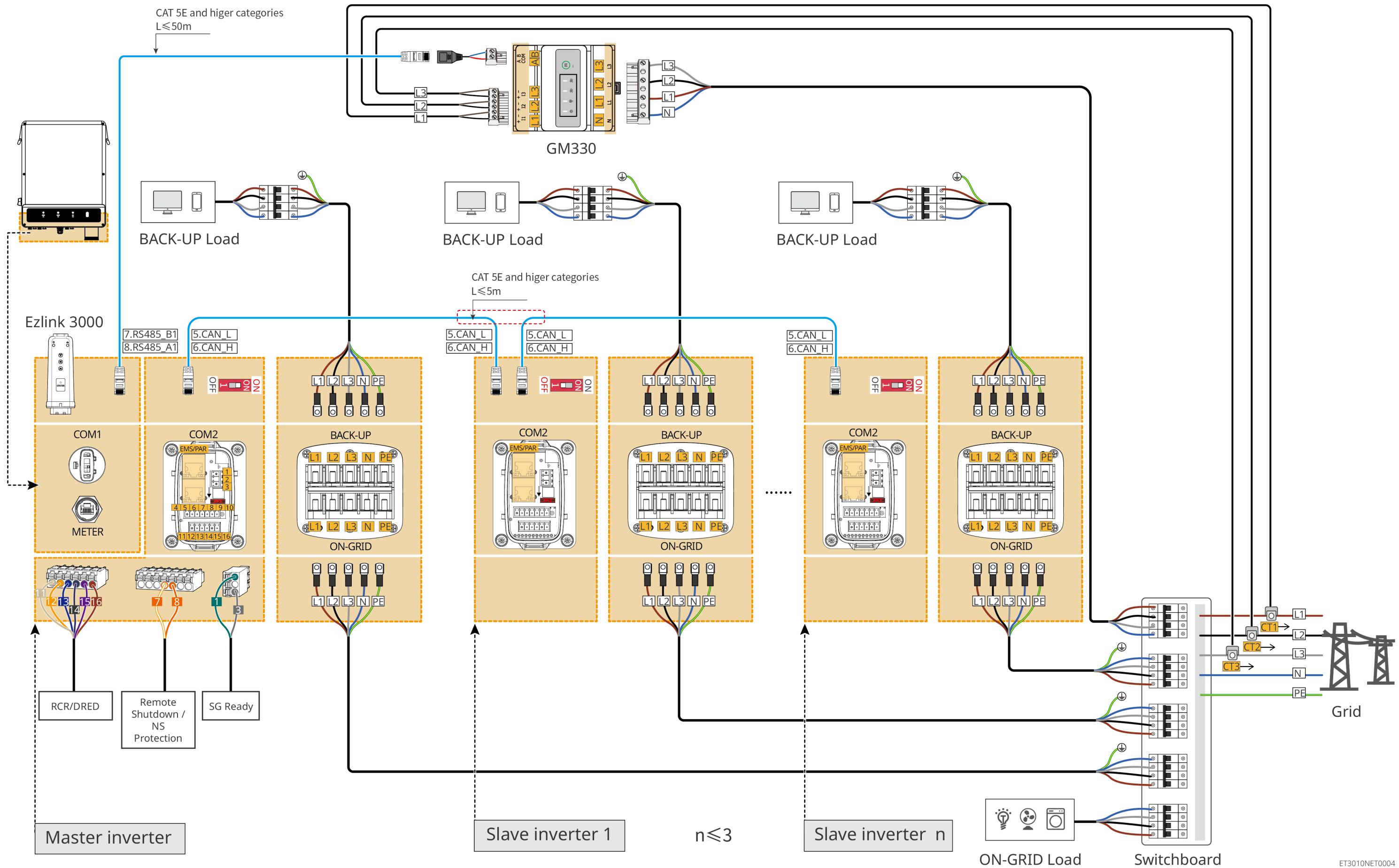




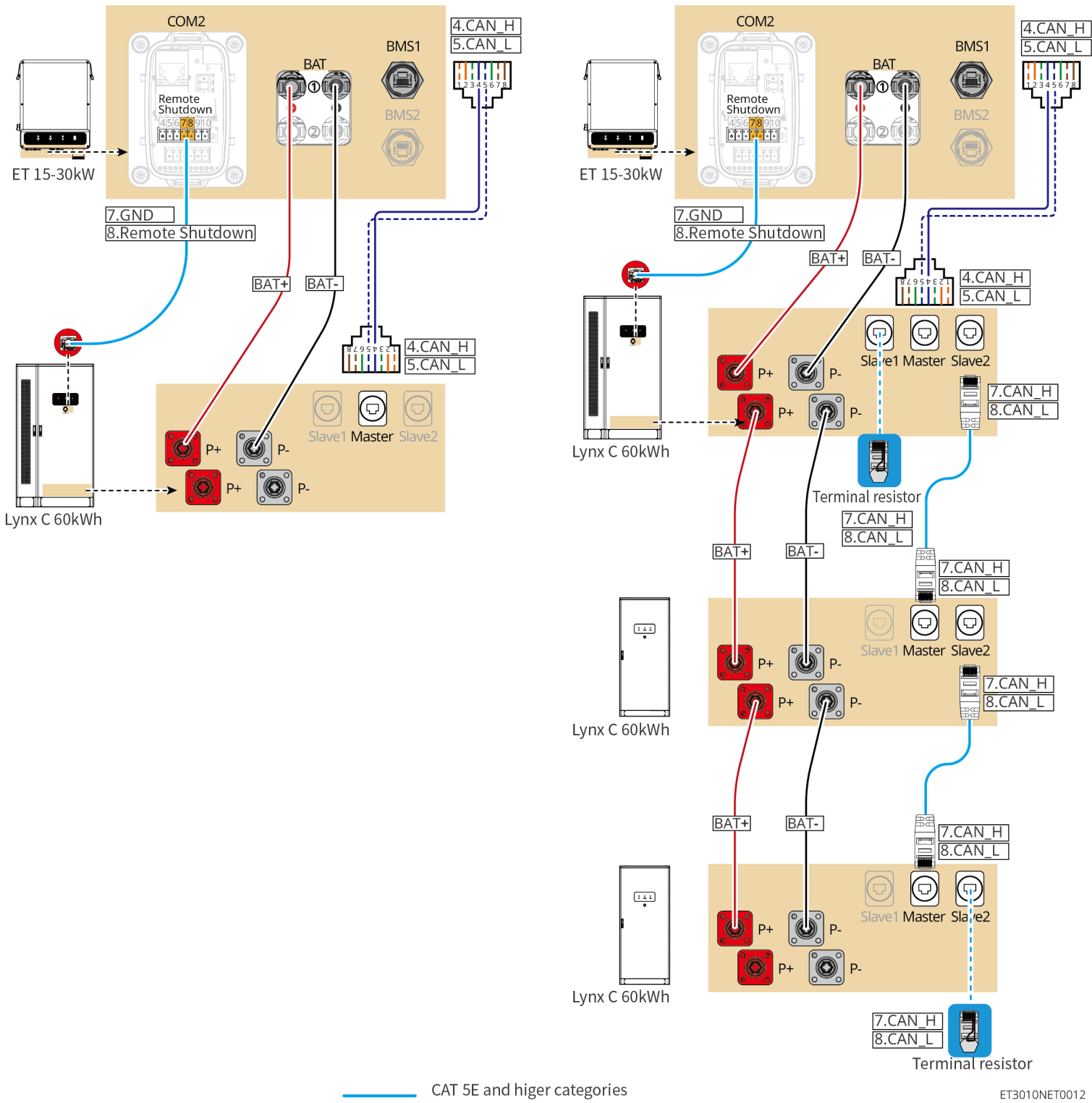




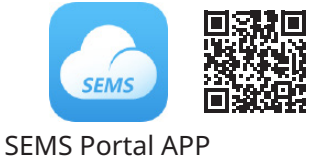




Battery system wiring diagram



05 Equipment Commissioning

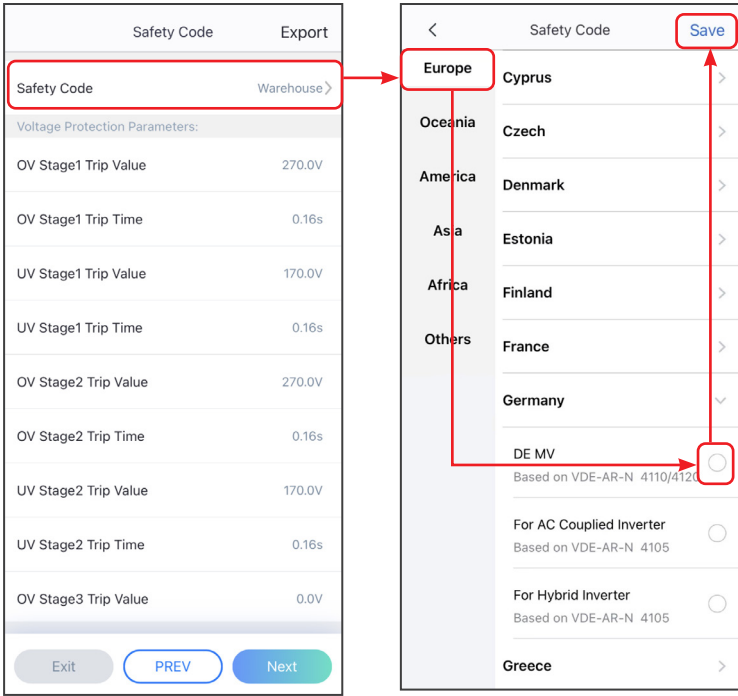


In parallel scenarios, the software version of SolarGo app should be 5.3.0 or above.  
Follow the prompts to connect the device.

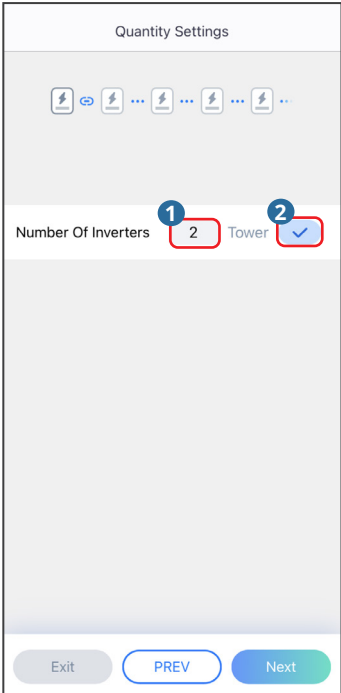
Quick Settings

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

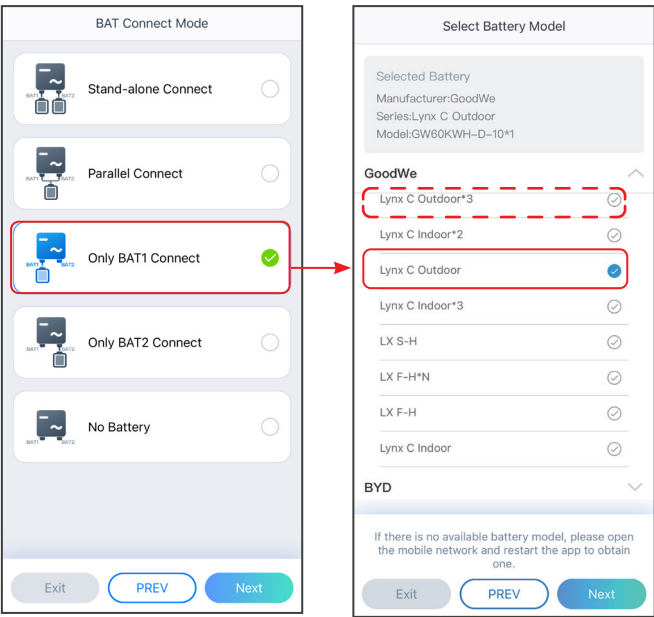
Setting the Safety Code



Setting Inverter Quantity  
(Only For Parallel Connections)



Setting the BAT Connect Mode





Setting the Working Mode

Peakshaving

Start Time 00:00

End Time 00:00

Import Power Limit 0.00

Reserved SOC For Peakshaving

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

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

Charging From Grid

Rated Power 0.0

Back-up Mode

Grid charge: Open

Backup SOC: 60%

Charging From Grid

Grid charge: Close

Economic Mode

Battery Working Mode Group1

Charge Power:50.0 % SOC:98%

00:00-07:00

Economic Mode

PV: Charge battery in priority

TOU curve

Battery Working Mode Group2

Discharge Power:60.0 %

08:00-16:00

Economic Mode

PV: Export to grid in priority

TOU curve

Smart Charging Mode

Smart Charging Month

Peak Limiting Power 0.0

Switch To Charge

Charging Time 00:00

Smart Charging

Switch to charge: Open

PV > Peak limiting power

Smart Charging

Switch to charge: Open

PV < Peak limiting power

Smart Charging

Switch to charge: Close

PV > Peak limiting power

Smart Charging

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.

9030KETT

Status:Fault Mode

Unit:KW

Parallel System:

Total Number 2

Total Online 2

Total abnormal 0

Safety Code Warehouse

Status: Peak Shaving

Meter/CT Status Not Detected

Backup OFF

Master-9030KETT

Slave-9020KETT

Settings

Communication Setting

Quick Settings

Basic Settings

Advanced Settings

Load Control ON

Meter/CT-Assisted Test

Firmware Information

APP Version V5.3.1

Setting 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)

Advanced Settings

Three-phase Unbalanced Output

Backup N-PE Relay Switch

Remote Shutdown/RCR/EnWG 14a

Power Limit

DC AFCI Detection

Battery Function Settings

Safety Parameter Settings

PV Connect Mode

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

Power Limit

Power Limit

Export Power (W) 0 0

External CT Ratio 0 400

Only the CT ratio of the electric meter GM330/ GM3000C can be set. For other models (such as GM3000), it is forbidden to set the CT ratio, otherwise the electric meter cannot work normally.

## Configuring the Network

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

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

<WLAN/LANSave

WLAN

Network Name

TP-Link68E2

Encryption Type

WPA2/WPA

Password

DHCP

If you need to set a specific IP address, you can manually enter it after turning off DHCP.

IP Address

192.168.0.122

Subnet Mask

255.255.255.0

Gateway Address

192.168.0.114

DNS Server

114.114.114.114

LAN

Connected

DHCP

If you need to set a specific IP address, you can manually enter it after turning off DHCP.

IP Address

0.0.0.0

Subnet Mask

0.0.0.0

Gateway Address

0.0.0.0

DNS Server

192.168.1.253

Restore factory communication settings

## Creating a Power Plant

Create power plants and add equipments via SEMS Portal app.

Plants

Working

Waiting

Fault

Offline

Please enter plant / SN / email

Gen. Today

Total Income

Total Gen.

Specific Yield

Plants

Capacity (kW)

Gen. Today (kWh)

24小时总发电

817kWh/52.28kWh/5001

1.00

0.00

Plants

Alarms

WiFi

Message

Discovery

Create Plant

Enter the plant information based on actual situation.

Classification

Residential

Capacity

Enter plant capacity

kW

Module

Amount of solar panels

Profit Ratio

2

CLP/kWh

Upload Photos

Submit

0.000 kW

Working

10.10.2022

10.00 kW

12.0 kWh

Generation Today

0.00 kWh

Monthly Generation

0.00 kWh

Total Generation

11.42 MWh

Total Income

22835.60...

33%

235.50kWh

102kWh

242.50kWh

Today

Total

In-house

0.00 kWh

Load consumption

0.00 kWh

Buy

0.00 kWh

Sell

0.00 kWh

0.0%

0.0%

Contribution ratio

Self-Consum. Ratio

2022

Generation

Income

150

100

50

0

10

200

300

Device

Add a new equipment

Generation Today: 0(kWh)

91000HCA12827078

Model: EvCharge

SN: 91000HCA12827078

Inverter

Micro Inverter

DataLogger

EV Charger

Cancel

Scan Bar/QR code

Photo

Scan the QR code to add a new equipment.

SN

Enter SN manually

CheckCode

Enter CheckCode

Name

Device Name

Add

GoodWe Technologies Co., Ltd.

No. 90 Zijin Rd., New District, Suzhou, 215011, China

www.goodwe.com

service@goodwe.com

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