GOODWE

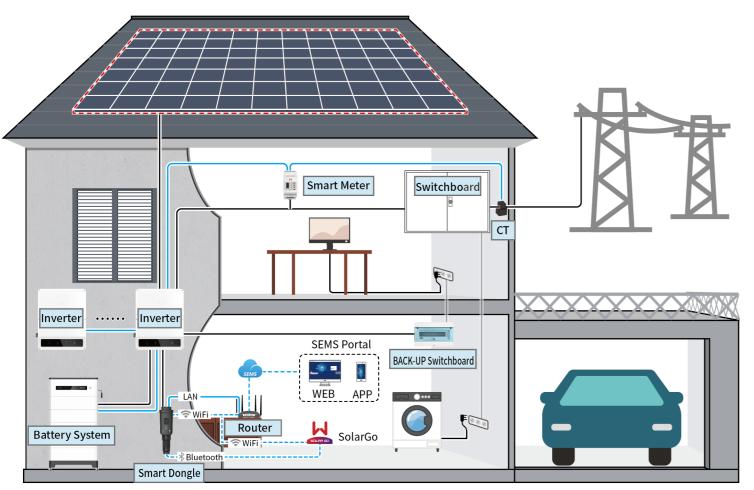
Residential Smart Inverter Solutions Quick Guide (ET15-30kW+Lynx Home F)

V1.0-2024-03-30	

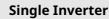
Device	Model	Description
Commu- nication Module	WiFi/LAN Kit-20Wi-Fi KitEzlink3000	 Use WiFi/L/ the firmwa WiFi/LAN K In parallel s master inve the slave in or above.

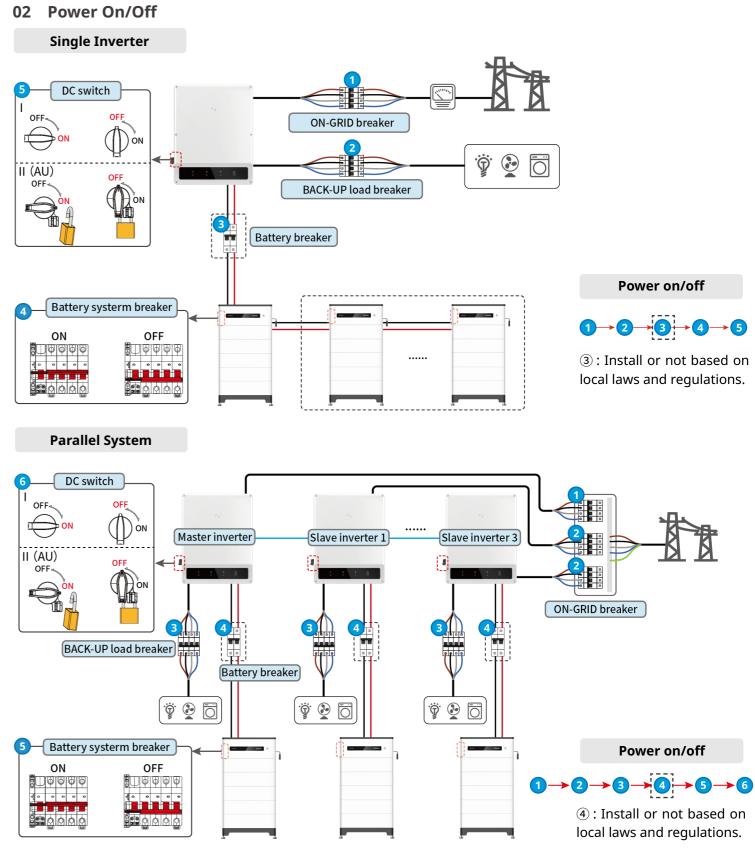
The information in this quick guide is subject to change due to product updates or other reasons. This guide cannot replace the product labels or the safety precautions in the user manual unless otherwise specified. All descriptions in the manual are for guidance only.

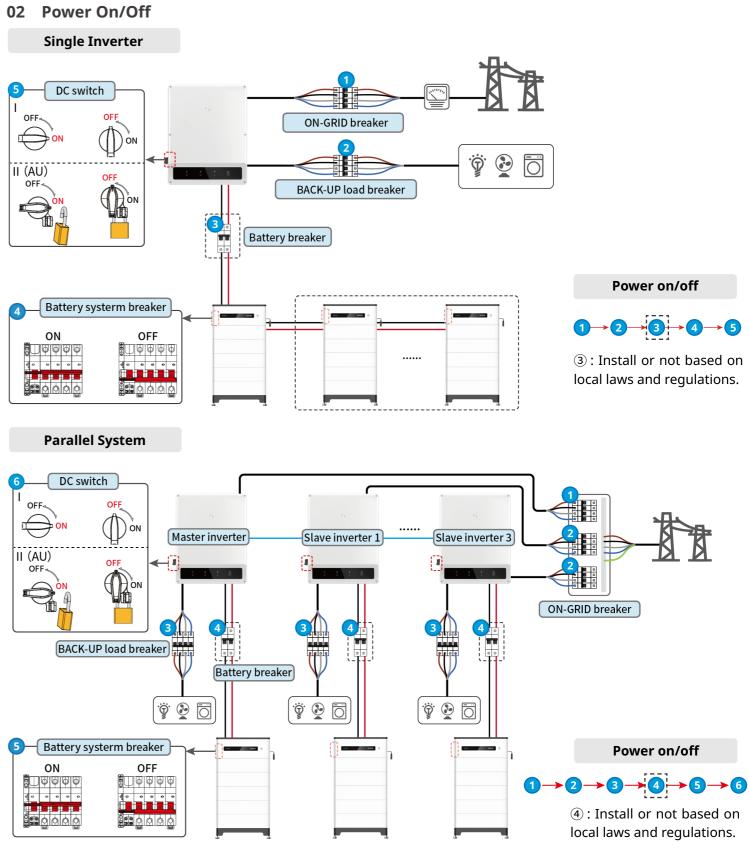
01 Networking



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: Consistent firmware version ARM version: 08(401) or above DSP version: 07(7068) or above
Battery system	Lynx Home F (G2) LX F12.8-H-P20 LX F16.0-H-P20 LX F19.2-H-P20 LX F22.4-H-P20 LX F25.6-H-P20 LX F28.8-H-P20	Lynx Home F (G1, G1 Plus+) LX F6.6-H LX F9.8-H LX F13.1-H LX F16.4-H	 A maximum of 8 battery systems can be clustered in a system. Do not mix connect battery systems of different versions.
Smart Me- ter	• GM3000 • GM330		 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.



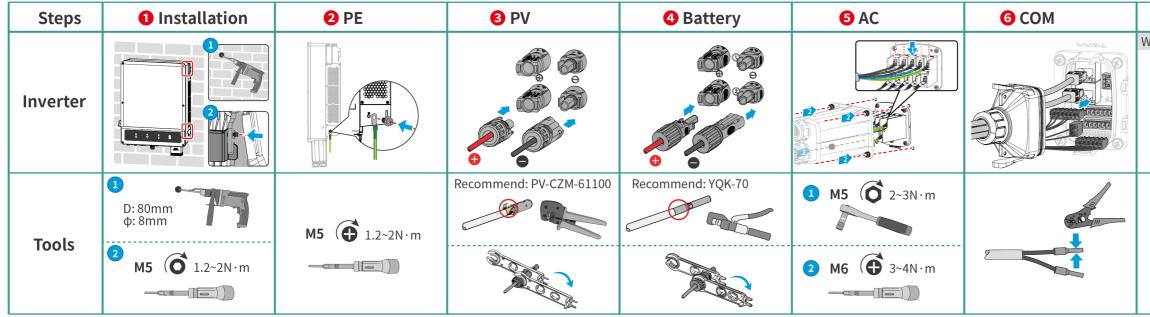


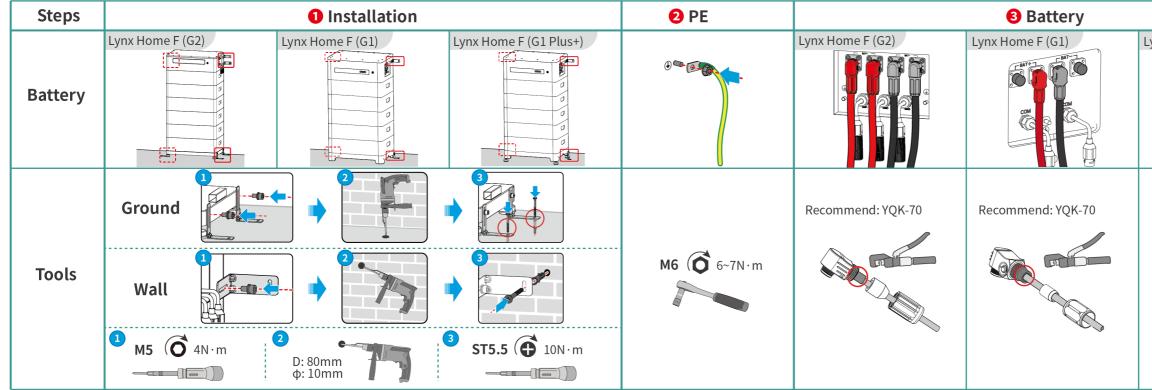


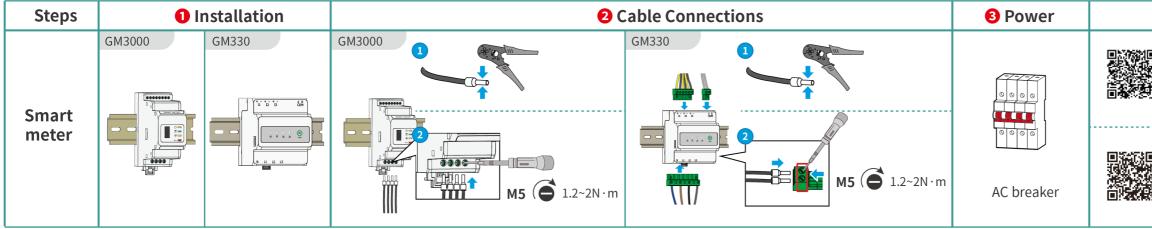
AN Kit-20 or Wi-Fi kit for a single inverter. Upgrade are of the inverter before replacing the Wi-Fi kit with a Kit-20 dongle.

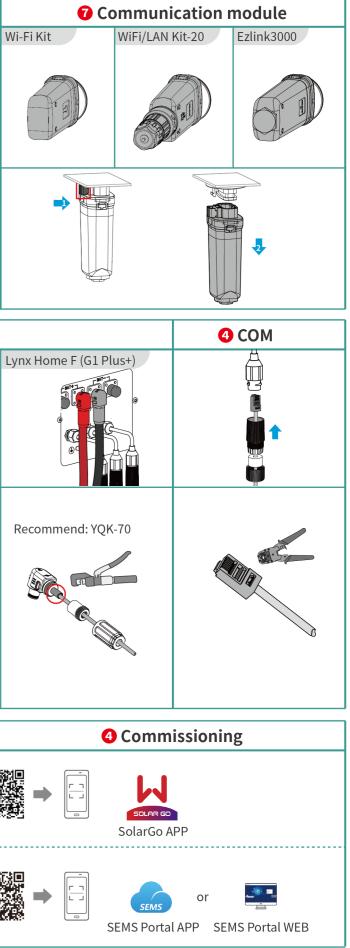
scenarios, the EzLink 3000 must be connected to the verter. Do not connect any communication module to nverters. The firmware version of EzLink should be 04

03 Installations



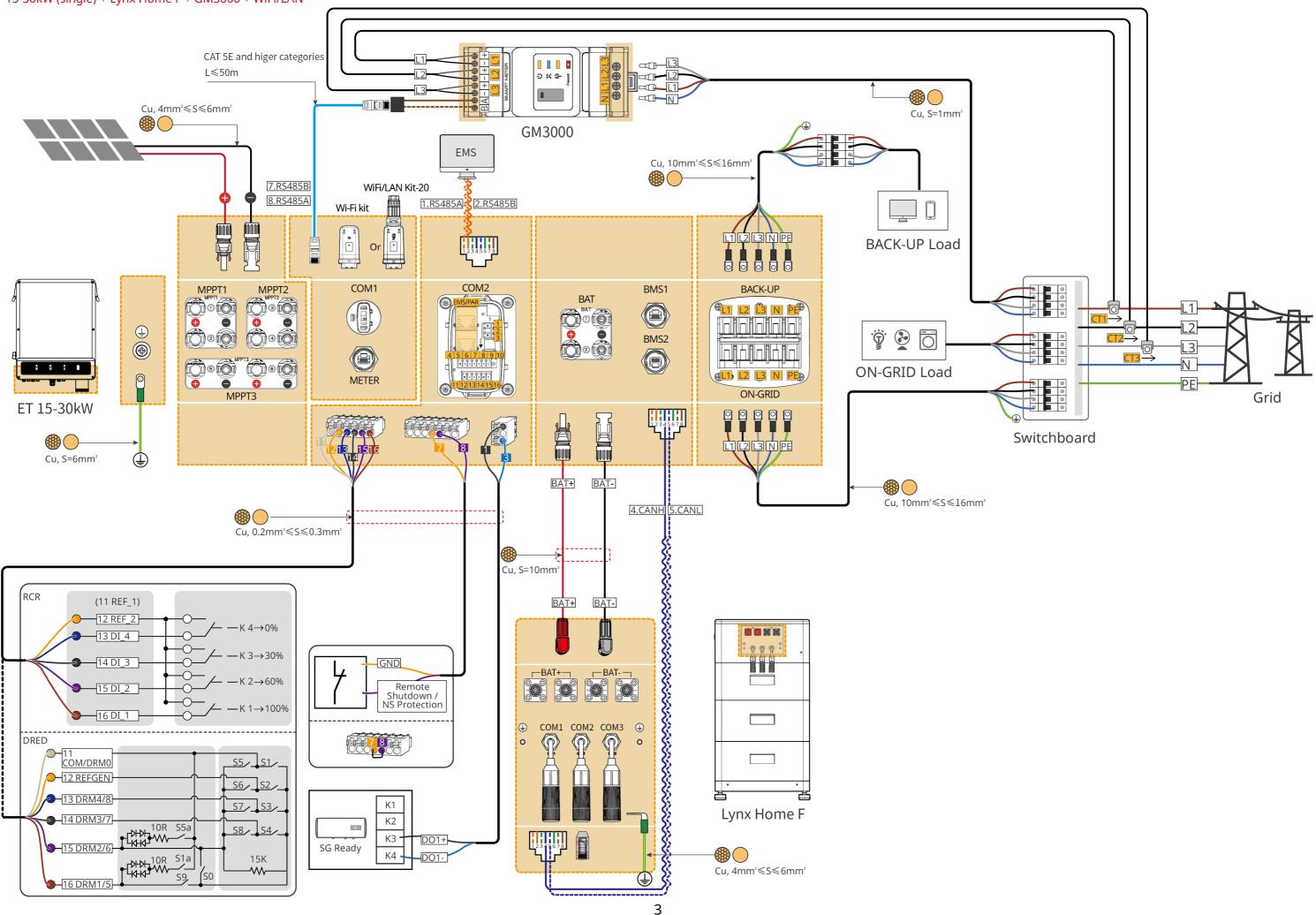


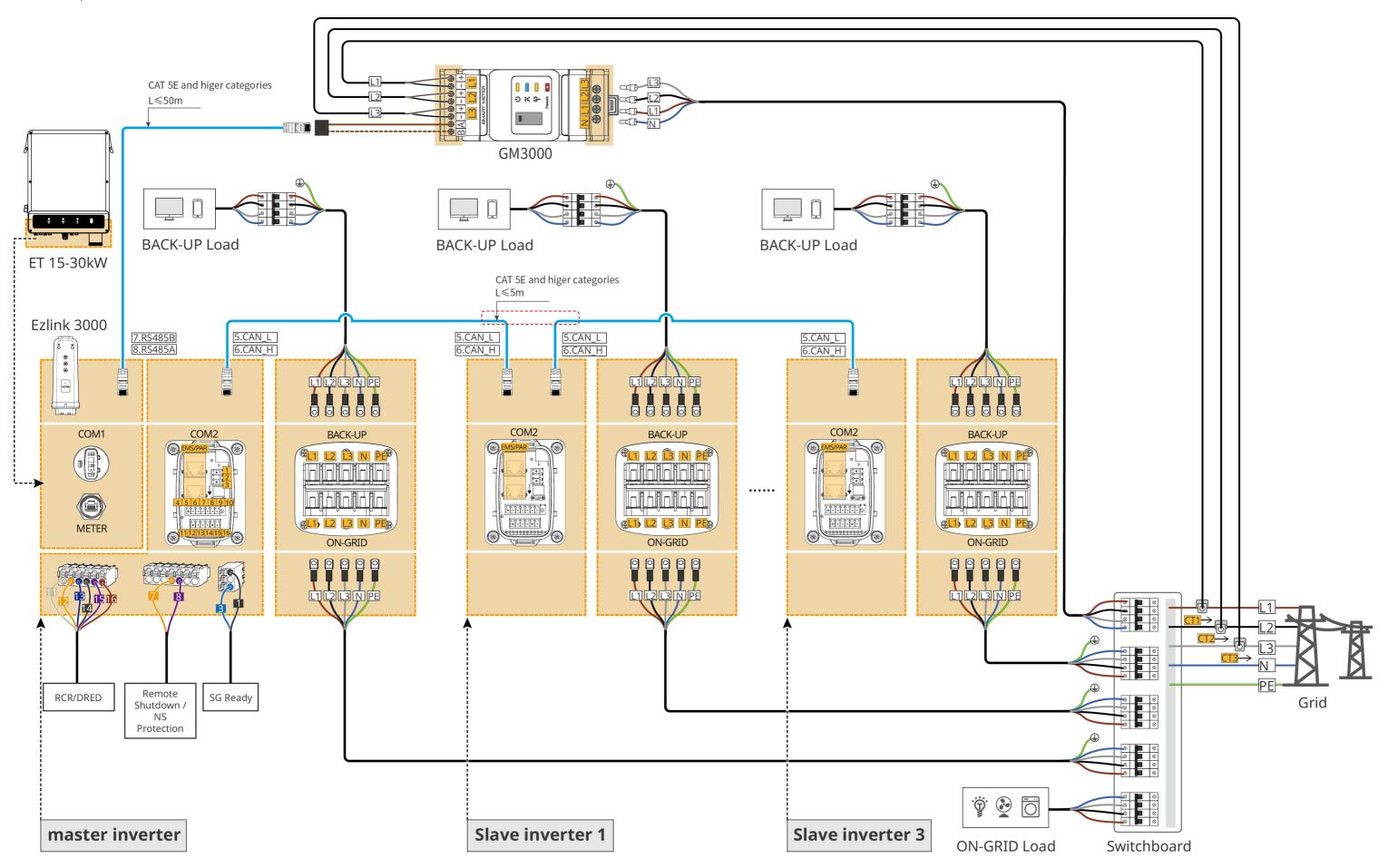


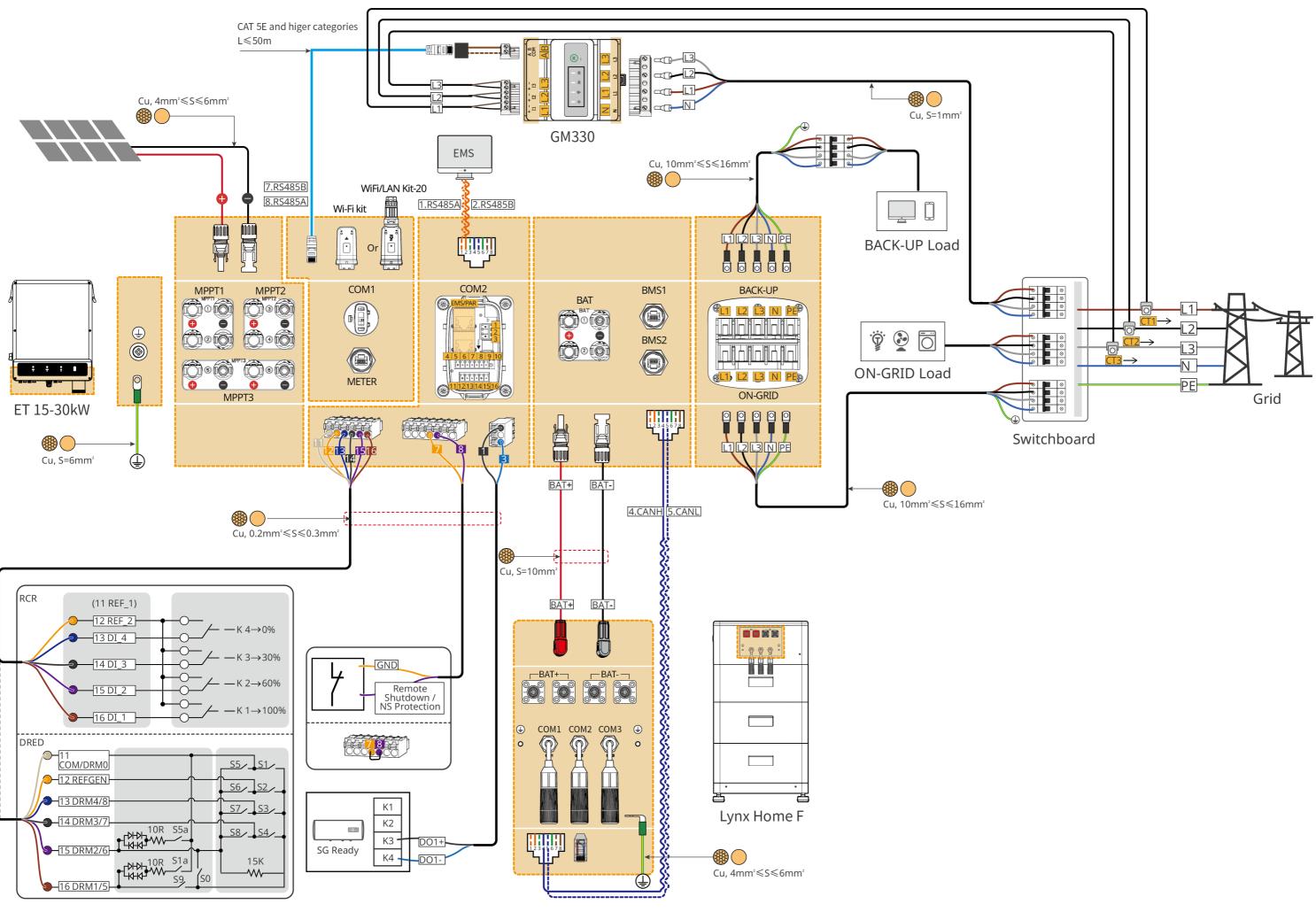


04 Wiring Diagram

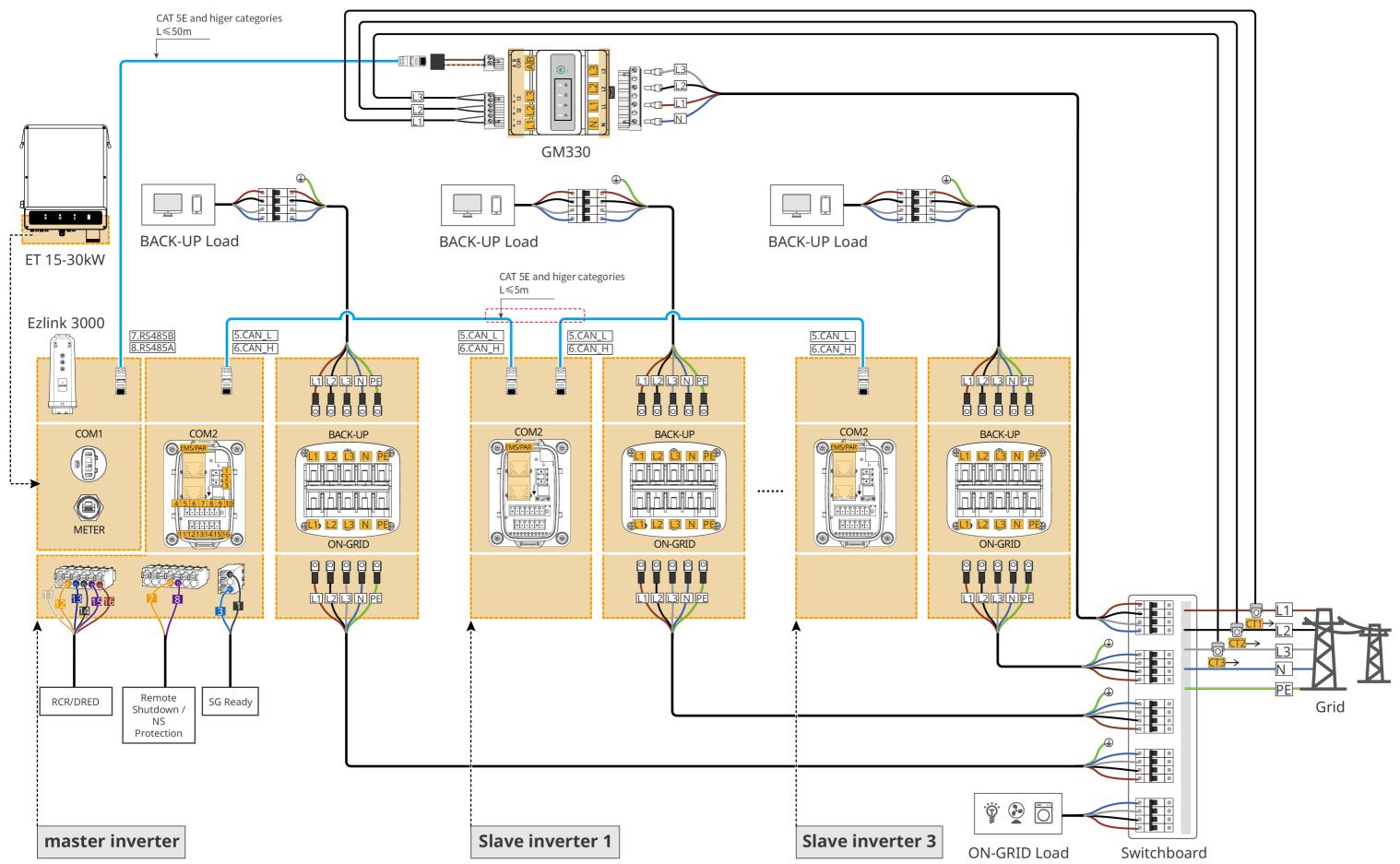
ET 15-30kW (single) + Lynx Home F + GM3000 + WiFi/LAN



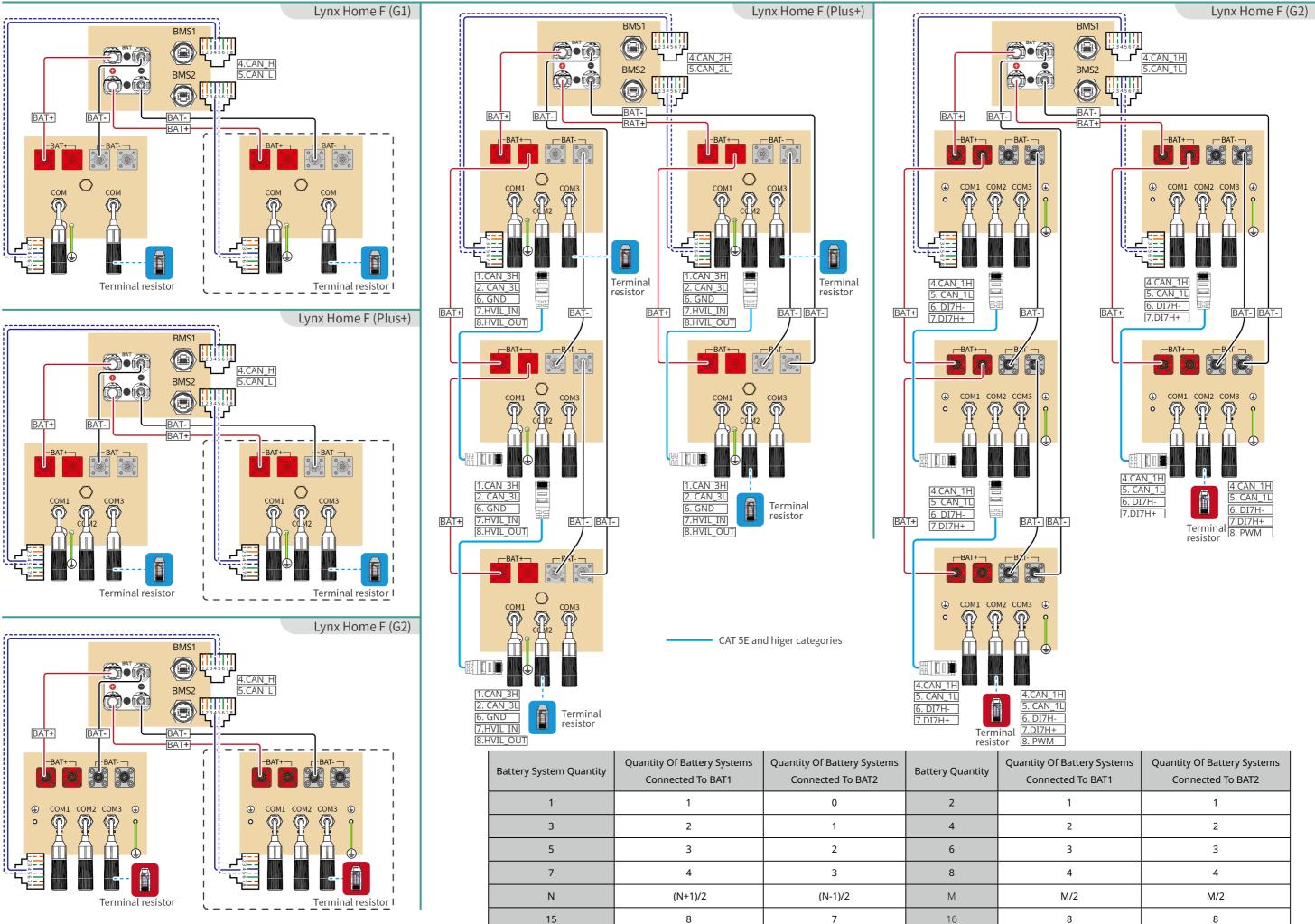




ET 15-30kW (parallel connected) + GM330 + Ezlink3000



Battery System Wiring Diagram



I_1H	
N_1L	
'H-	
H+	
Μ	

Of Battery Systems nected To BAT1	Quantity Of Battery Systems Connected To BAT2
1	1
2	2
3	3
4	4
M/2	M/2
8	8

05 Equipment Commissioning





Setting Inverter Quantity (Only

For Parallel Connections)

Quantity Settings

1 · · · · · · · · ·

Number Of Inverters

Exit

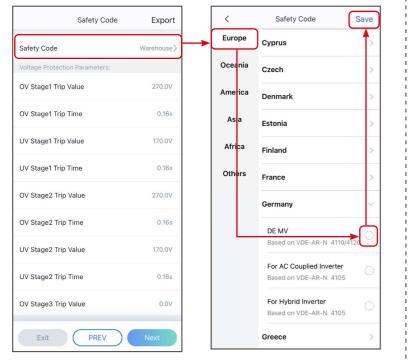
(PREV

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

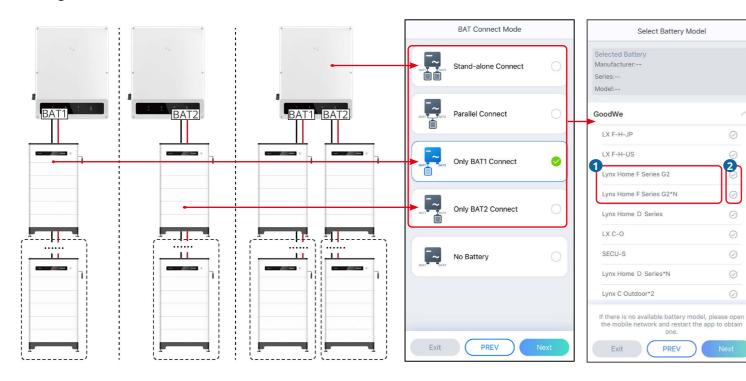
Quick Settings

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

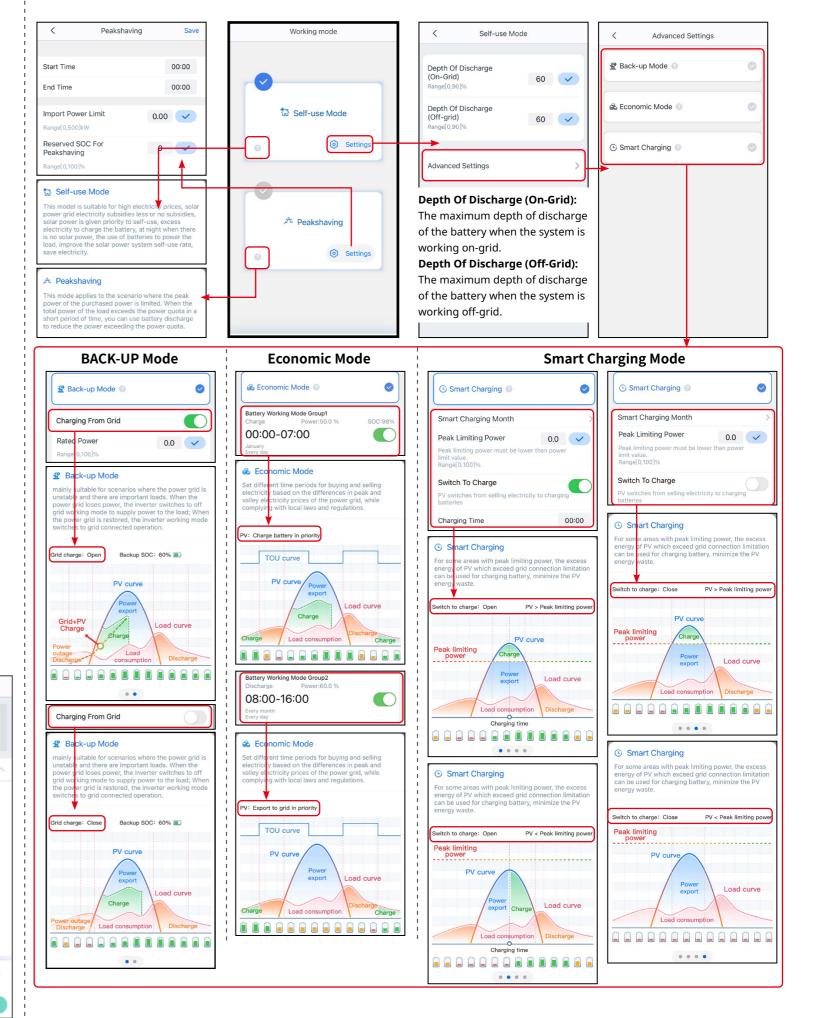
Setting the Safety Code



Setting the BAT Connect Mode



Setting the Working Mode



2

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Setting Batteries Of Each Inverters (Only For Parallel Connections)

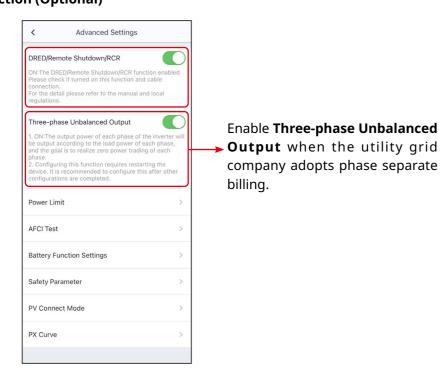
Follow the prompts to set the battery model and connection mode of each inverter.

← 9030 Status:Fault Mode	← Master-9030KETT	Settings
	Slave-9020KETT	品 Communication Setting >
		Quick Settings
Parallel System:		Basic Settings >
Total Number 2		
Total Online Total abnormal		 ¢∮ Load Control ON >
		A Meter/CT-Assisted Test
Safety Code 🥑 Status: 📚 Warehouse Peak Shaving		Firmware Information
Meter/CT Status 👔 Backup 🚞 Not Detected OFF		(i) APP Version V5.3.1
		1. More of the Master is used to set the same
Home Parameters Settings		Home Parameters Settings

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)



Configuring the Network

Method I (RECONMMENDED): SolarGo app

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

<	Network Settings	Save
WLAN		
Network Nam	-	
GOODWE-yar		~
Encryption Ty WPA2/WPA	pe	~
Password		
		\mathbf{x}
	et a specific IP address, it after turning off DHC	
IP address	192.1	68.209.206
Subnet Mask	25	5.255.255.0
Gateway add	ress 192.1	68.209.254
DNS server	192.	168.181.167

Creating a Power Plant

Create power plants and add equipments via SEMS Portal app.

+ Plants	Create Plant	△ +•℃
Working Fault Offline	Enter the plant information based	0.0000 k Working ≅ 10.10.2022 (0
Q Please enter plant / SN / email	on actual situation.	Generation To Monthly Gene
Gen. Today Total Income Total Gen. Specific Yield	Classification Residential V	Total Generati Total Income
Plants Capacity \$ Gen. Today \$	Capacity * Enter plant capacity kW	aiw)
1.00 0.00		20%
	Module Amount of solar panels	245.5(W)
	Profit * 2 CLP/kWh	Taday Teta
	Upload Photos	In-house 0.00 kWh
		Buy 0.00 kWh
		0.0%
ه 💬 🤶 🔔 🍯		
Plants Alarms WiFi Message Discovery	Submit	Contribution
		2022
		Enteration
Powered by GoodWe		100
2 🚇 👌 🏮 🔞		
Create Plan After-Sales Warranty GDPR Contacts	P ⁴	. /
APPs Synchronize Community		Device A
🗹 Edit >		e
My QR Code (Organization Code)		Gen
Income Setting		•1
Date Format		Mor SN:
③ Auth Management >		L
(i) Version		

Setting the Power Limit

Power Limit

Range[0,3000] Please enter the transformation ratio of the external CT. For example, if the current of the selected CT primary side and secondary side is 3000A:5A, please enter the CT ratio value of 600, and so on. Tip: The secondary side current of CT should be=5A

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, othe

0 0 🗸

0 400 🗸

Function

Power Limit

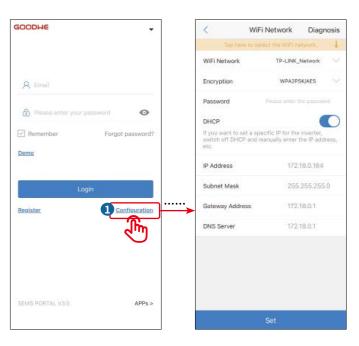
Export Power (W)

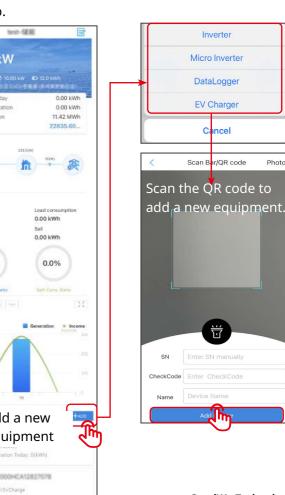
External CT Ratio

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Method II: SEMS Portal app

Follow the prompts to configure the network.





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