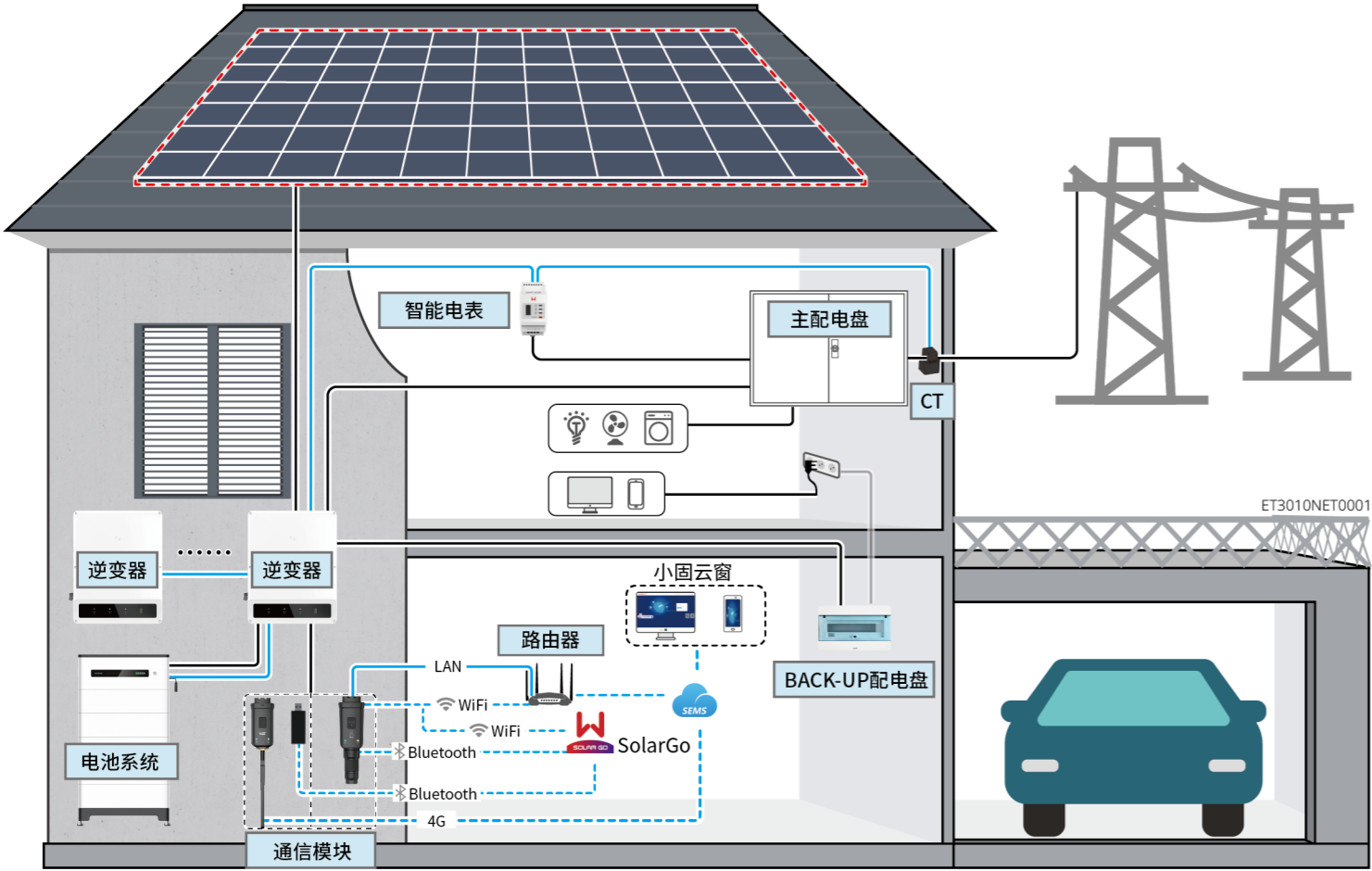


警告

因产品版本升级或其他原因，文档内容会不定期进行更新，如无特殊约定，文档内容不可取代产品标签或用户手册中的安全注意事项。文档中的所有描述仅作为使用指导。

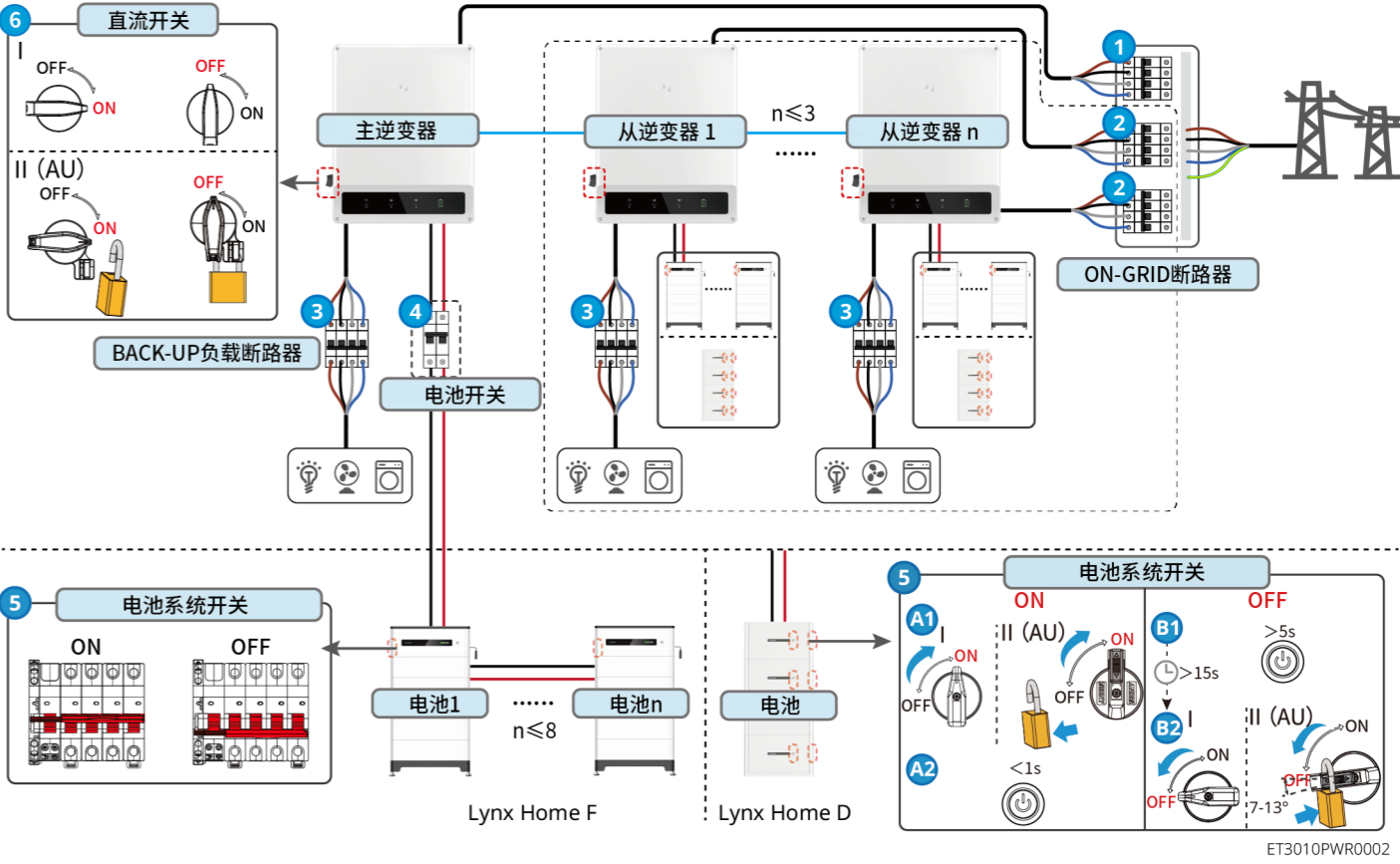
01 组网介绍



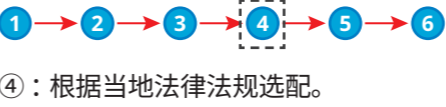
设备类型	型号			说明
逆变器	GW15K-ET GW20K-ET GW25K-ET GW29.9K-ET GW30K-ET			最多支持 4 台逆变器组成并机系统 并机组网时满足以下版本要求： <ul style="list-style-type: none">并机系统中所有逆变器软件版本一致逆变器 ARM 软件版本为 08(401) 及以上逆变器 DSP 软件版本为 07(7068) 及以上
电池系统	Lynx Home F (G2) LX F12.8-H-P20 LX F16.0-H-P20 LX F19.2-H-P20 LX F22.4-H-P20 LX F25.6-H-P20 LX F28.8-H-P20	Lynx Home F (G1) 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	<ul style="list-style-type: none">系统中最多支持 8 簇电池系统并簇不同版本电池系统不可混搭使用

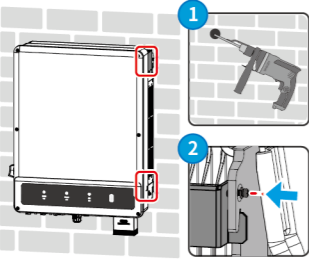
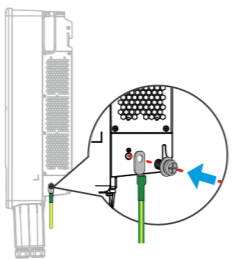
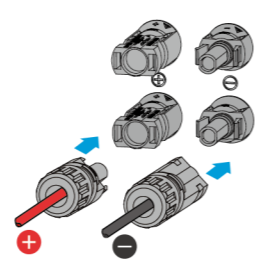
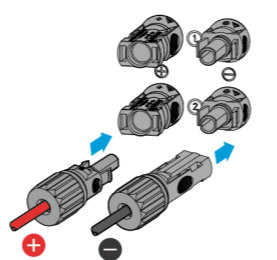
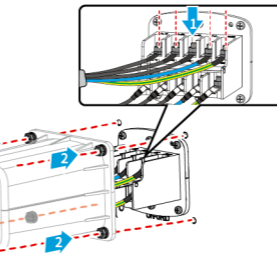
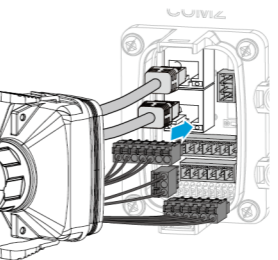

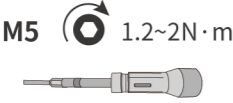
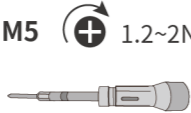
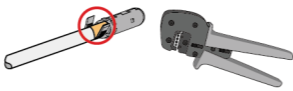
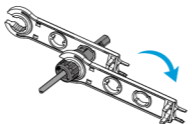
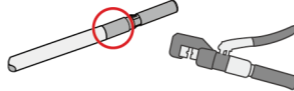
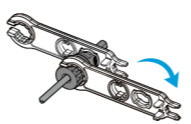

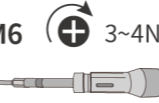

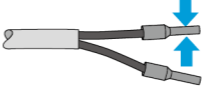
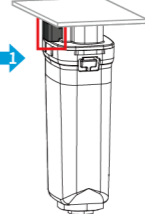
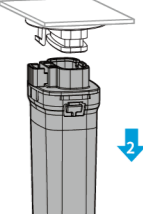

设备类型	型号	说明
智能电表	<ul style="list-style-type: none">GM3000GM330	<ul style="list-style-type: none">GM3000: 随逆变器配发、CT 不支持更换、CT 变比: 120A/40mAGM330: CT 支持从固德威或自行购买，CT 变比要求: nA/5A<ul style="list-style-type: none">nA: CT 一次侧输入电流，n 的范围为 200-50005A: CT 二次侧输出电流
通信模块	<ul style="list-style-type: none">WiFi/LAN Kit-20Wi-Fi KitEzlink3000	<ul style="list-style-type: none">单机时请使用 WiFi/LAN Kit-20 或 Wi-Fi kit。若使用 WiFi/LAN Kit-20 替代 Wi-Fi kit，请将逆变器软件版本升级为最新版本。并机时仅主逆变器需连接 Ezlink3000，从逆变器无需连接通信模块。Ezlink3000 固件版本为 04 或以上。

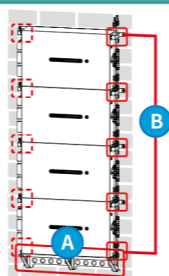
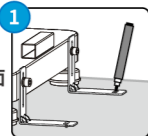
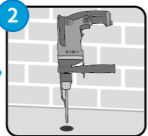
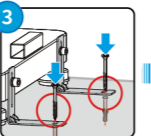
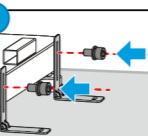
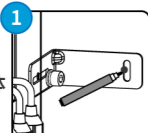
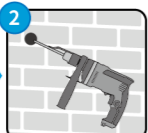
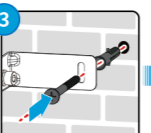
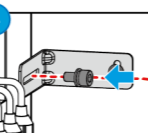
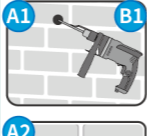

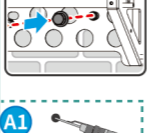
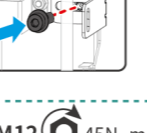
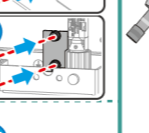
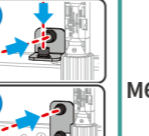
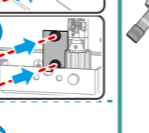
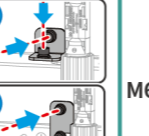
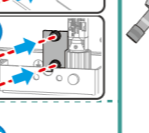
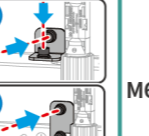
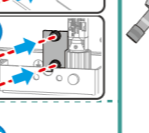
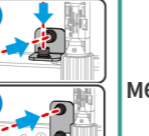
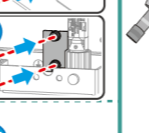
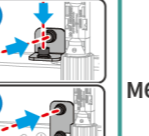
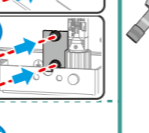
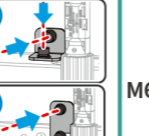
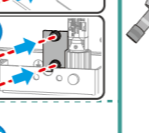
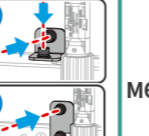
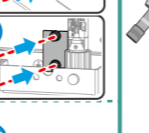
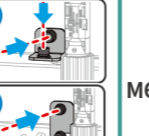
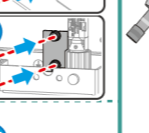
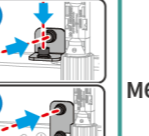
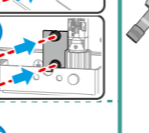
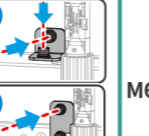
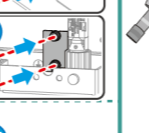
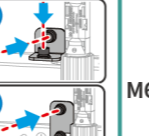
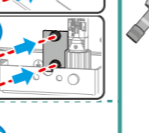
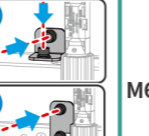
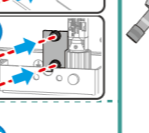
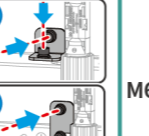
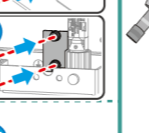
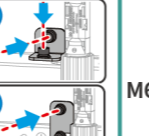
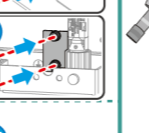
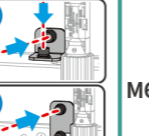
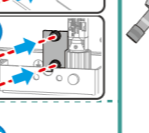
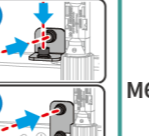
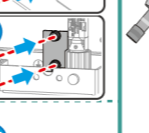
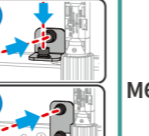
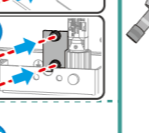
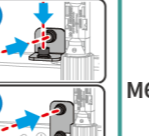
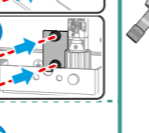
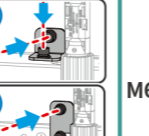
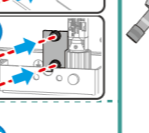
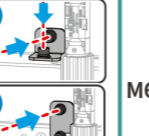
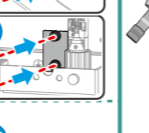
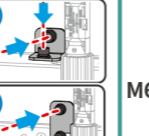
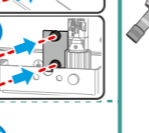
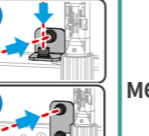
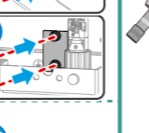
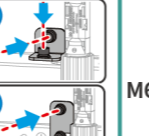
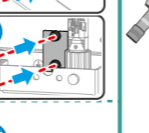
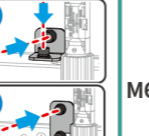
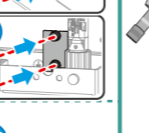
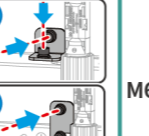
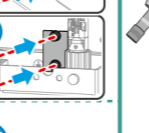
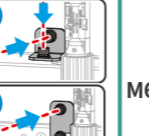
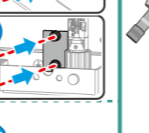
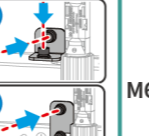
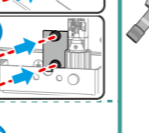
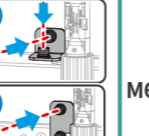
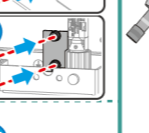
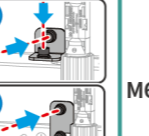
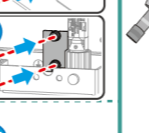
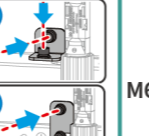
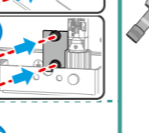
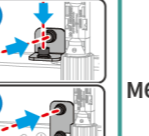
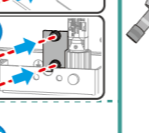
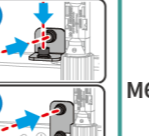
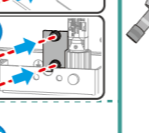
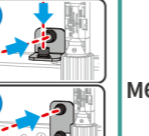
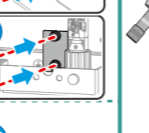
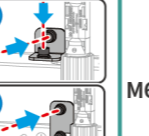
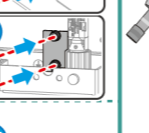
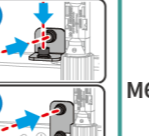
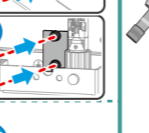
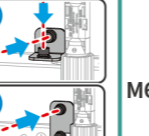
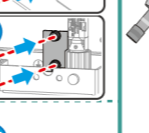
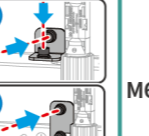
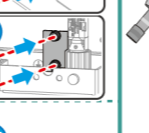
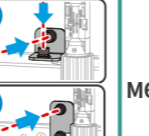
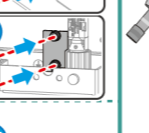
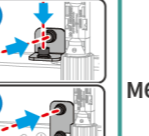
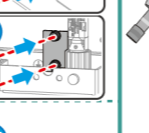
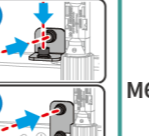
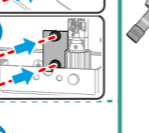
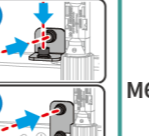
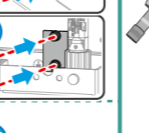
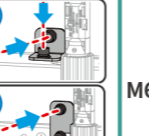
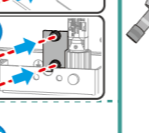
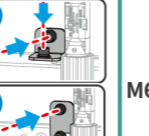
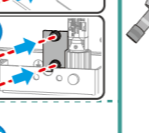
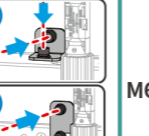
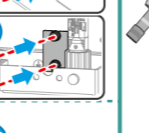
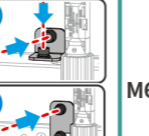
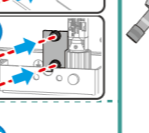
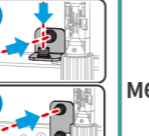
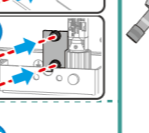
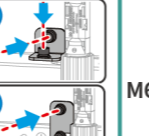
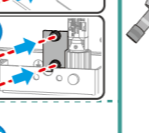
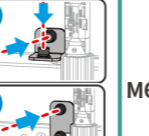
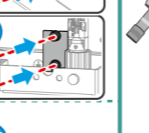
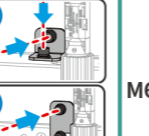
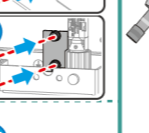
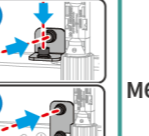
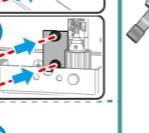
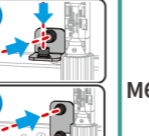
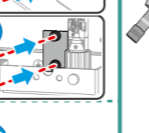
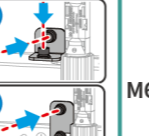
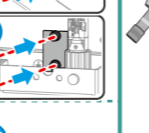
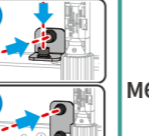
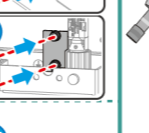
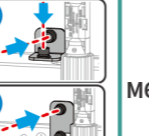
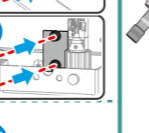
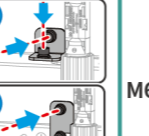
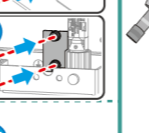
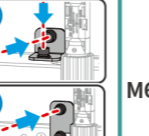
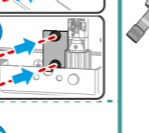
02 设备上电

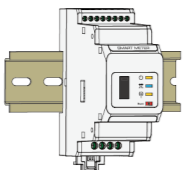
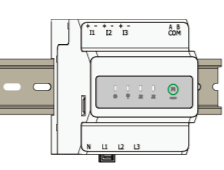


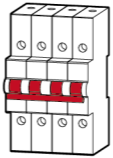




上/下电步骤



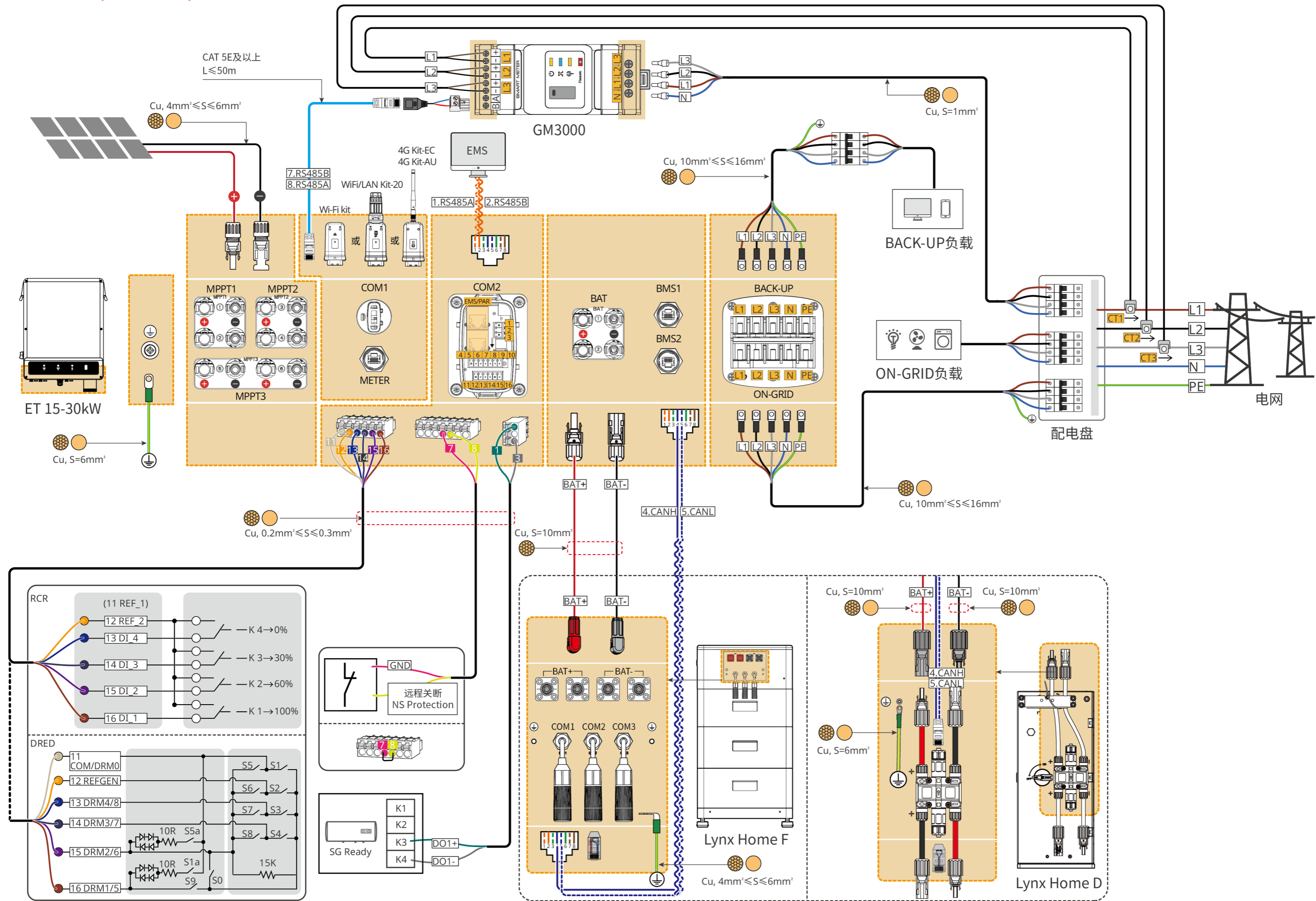
流程	1 安装	2 地线	3 PV线	4 电池线	5 AC线	6 通信线	7 模块		
逆变器							Wi-Fi Kit	WiFi/LAN Kit-20	Ezlink3000
工具	1 D: 80mm φ: 8mm  2 M5  1.2~2N·m	M5  1.2~2N·m	推荐: PV-CZM-61100  	推荐: YQK-70  	1 M5  2~3N·m 2 M6  3~4N·m	 			

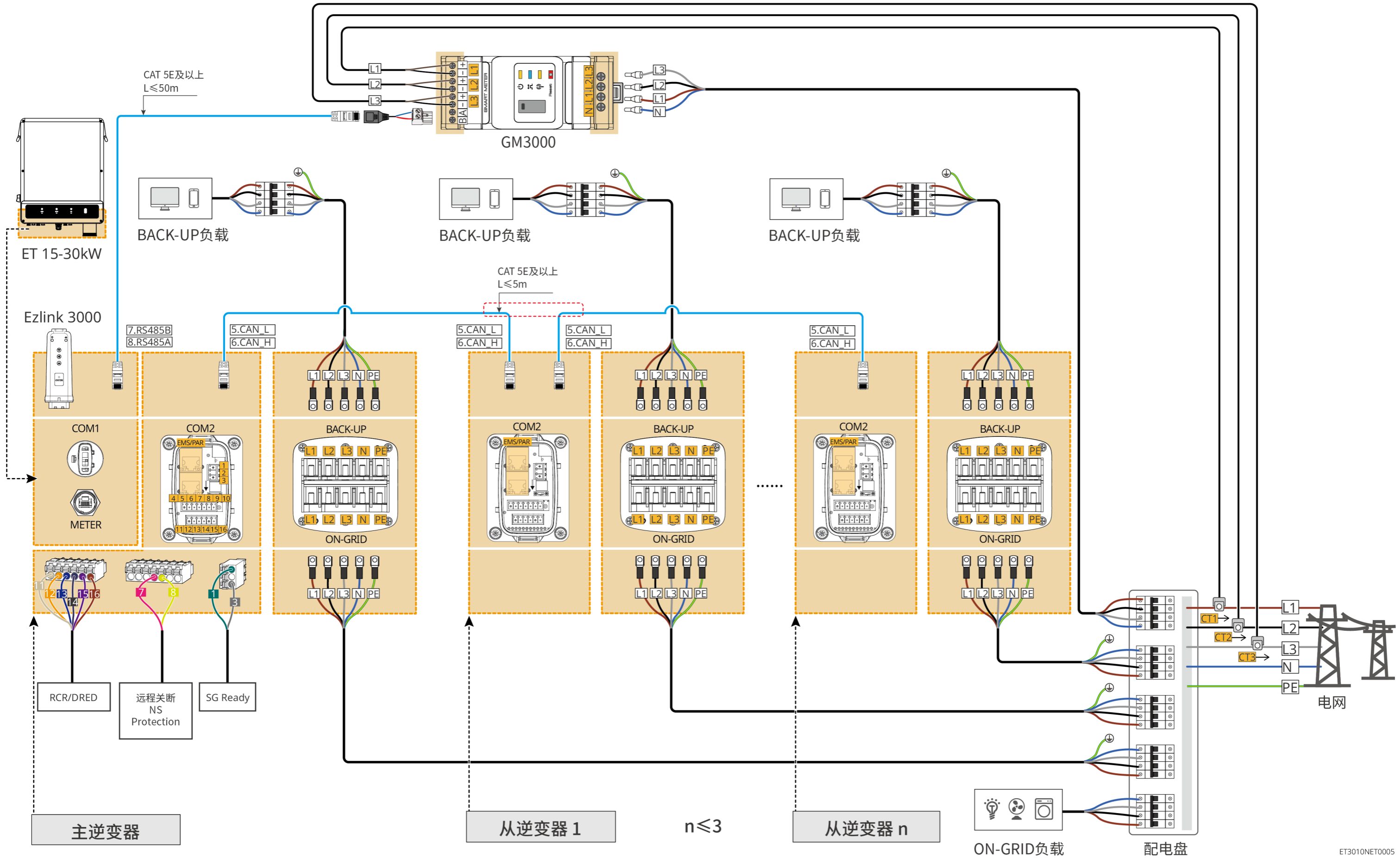
流程	1 安装					2 地线		3 功率线				4 通信	
电池	Lynx Home F (G2)	Lynx Home F (G1)	Lynx Home F (G1 Plus+)	Lynx Home D		Lynx Home F	Lynx Home D	Lynx Home F (G2)	Lynx Home F (G1)	Lynx Home F (G1 Plus+)	Lynx Home D	Lynx Home F	Lynx Home D
工具	<div><div><div> 地面</div><div></div><div></div><div></div></div><div><div> 墙体</div><div></div><div></div><div></div></div><div><div> A1 D: 60mm φ: 15mm</div><div> A2</div><div> B1 D: 60mm φ: 8mm</div><div> B2</div><div> B3</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div> B4</div><div></div></div></div>												

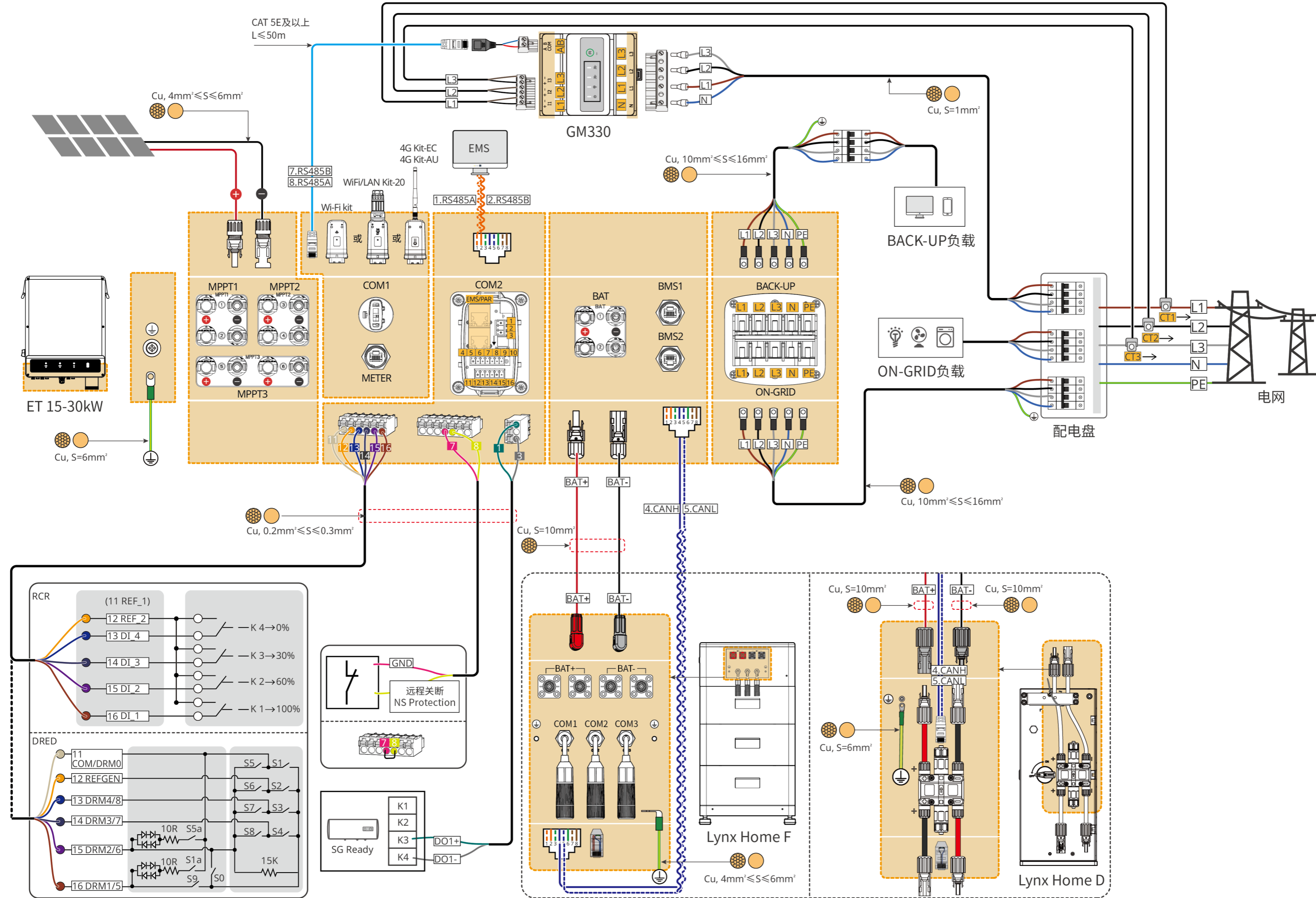
流程	1 安装	2 接线		3 上电	4 调测
电表	GM3000  GM330 	GM3000 1 2 1.2~2N·m 	GM330 1 2 1.2~2N·m 	AC断路器 	 SolarGo APP  小固云窗 APP 或 小固云窗 WEB

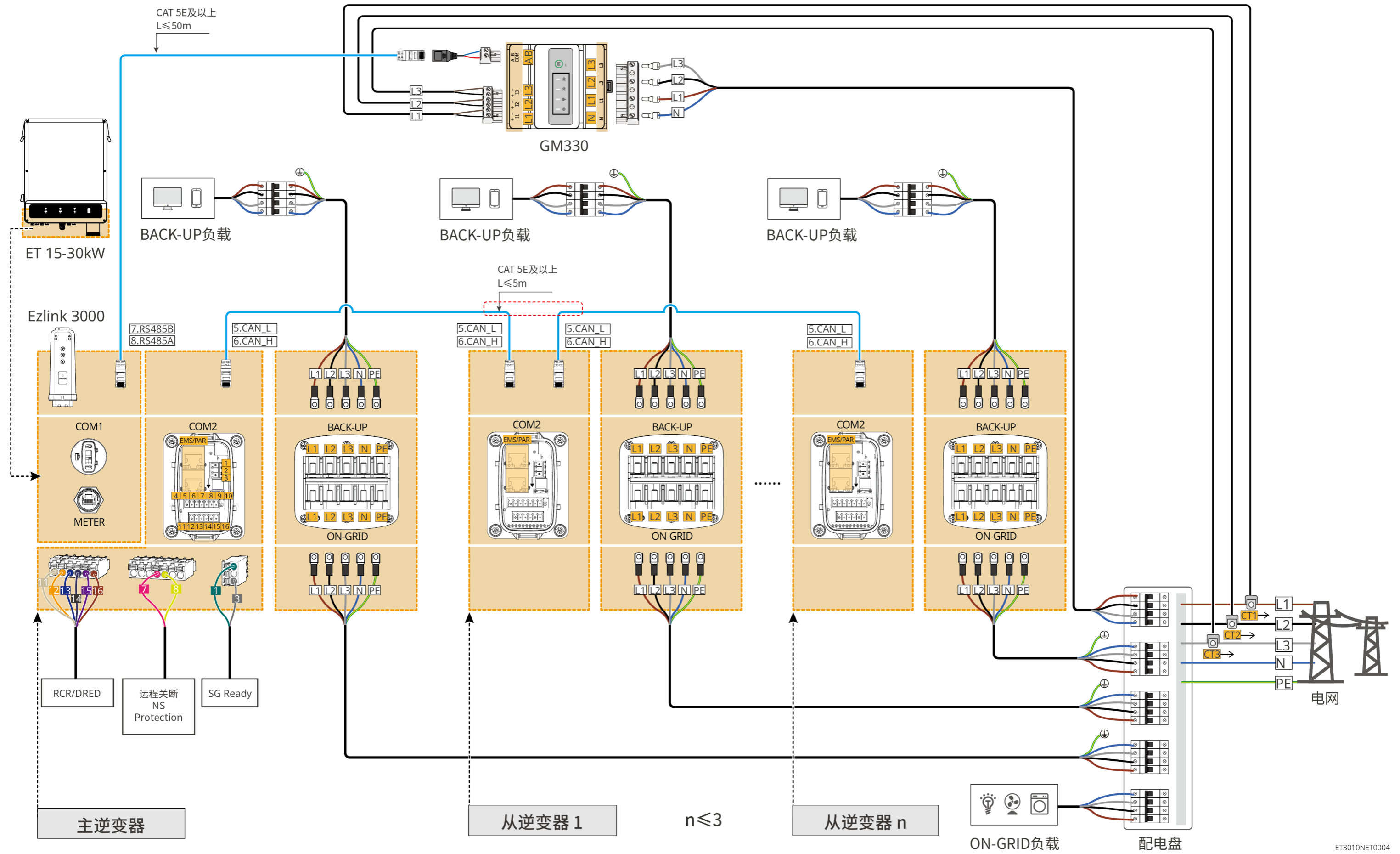
04 接线详图

ET 15-30kW(单台) + Lynx Home F 或 Lynx Home D + GM3000 + WiFi/LAN/4G



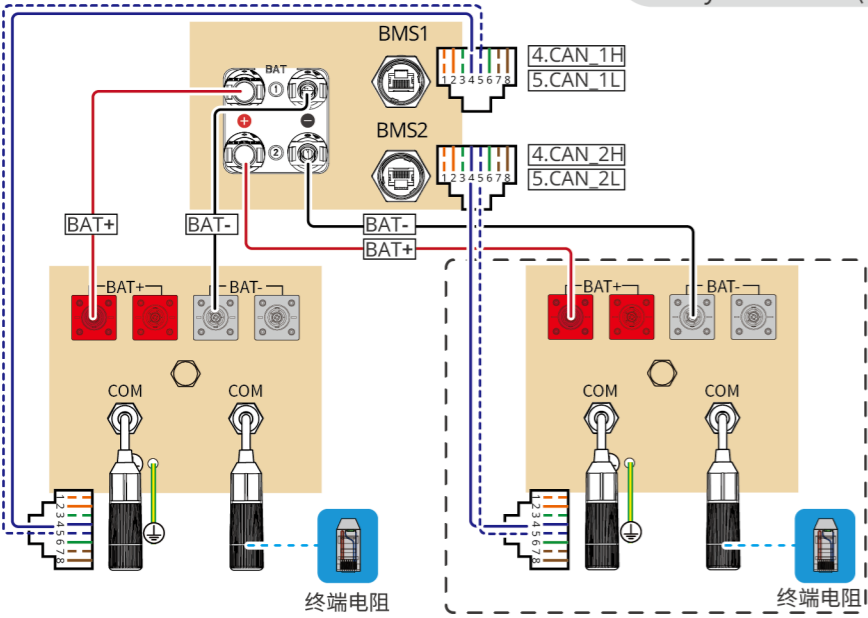




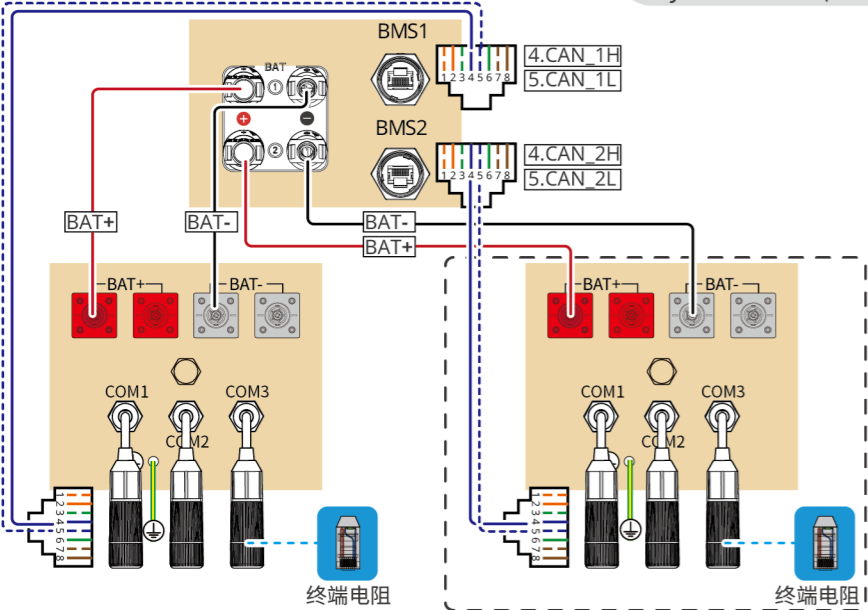


电池系统接线图

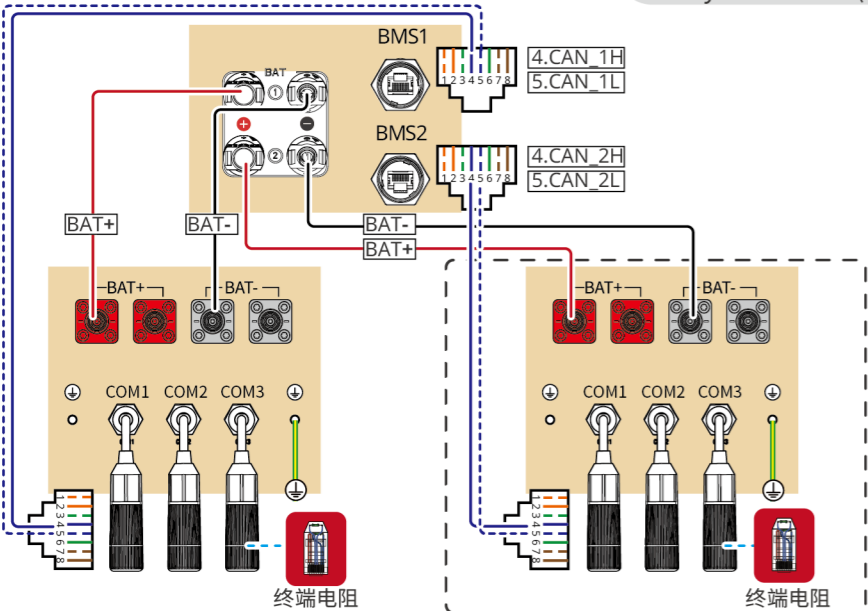
Lynx Home F (G1)



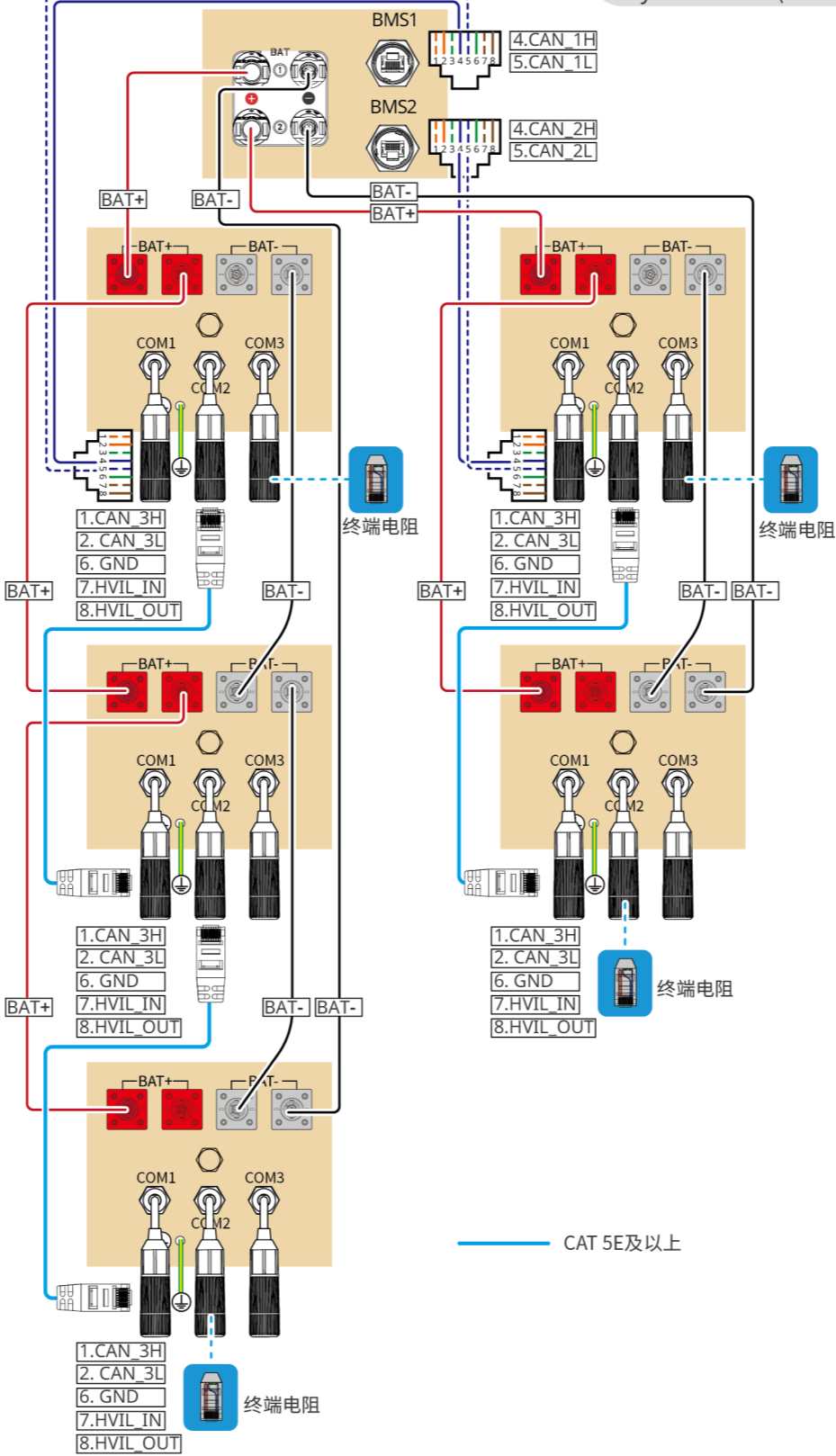
Lynx Home F (Plus+)



Lynx Home F (G2)

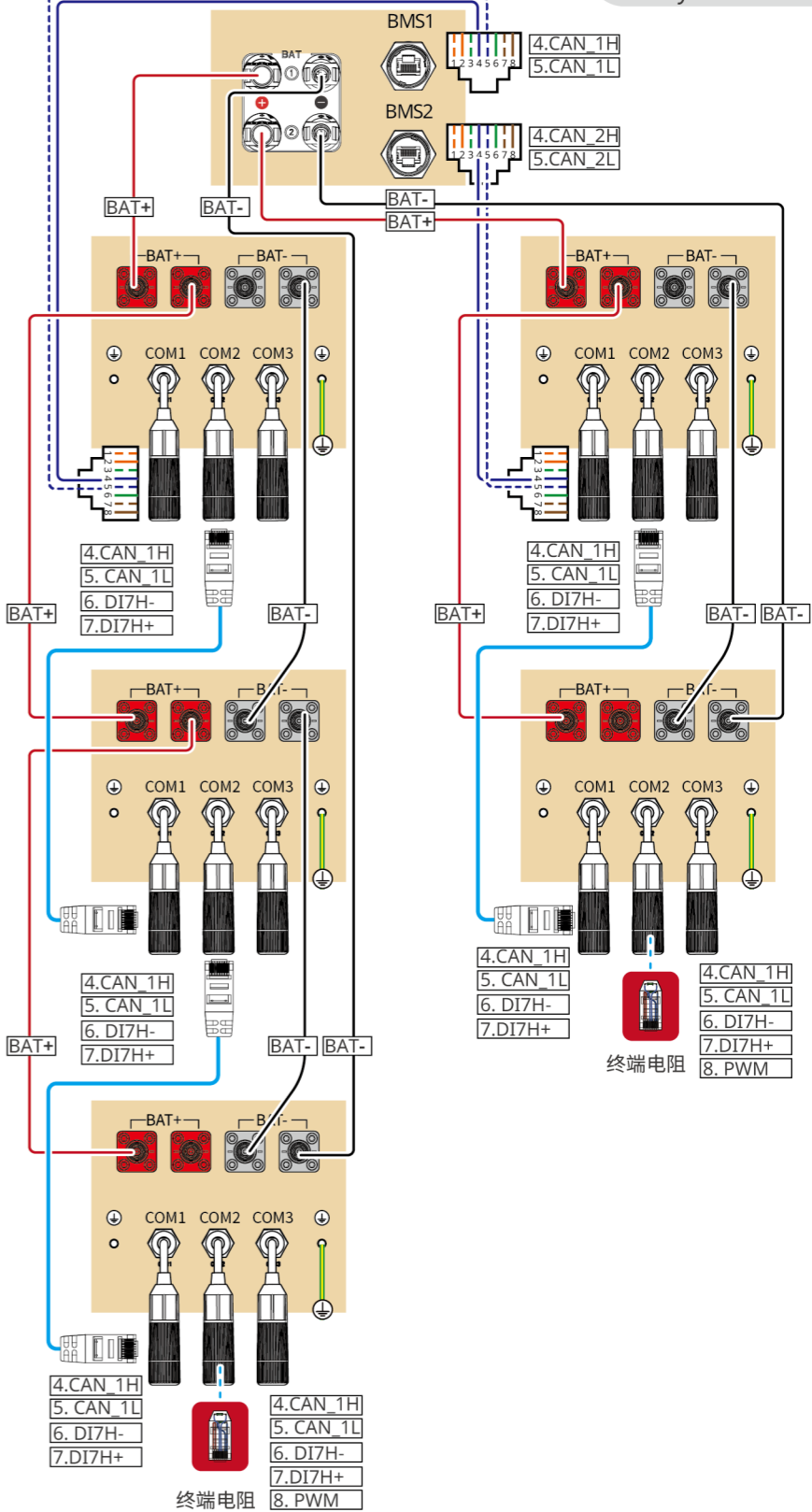


Lynx Home F (Plus+)

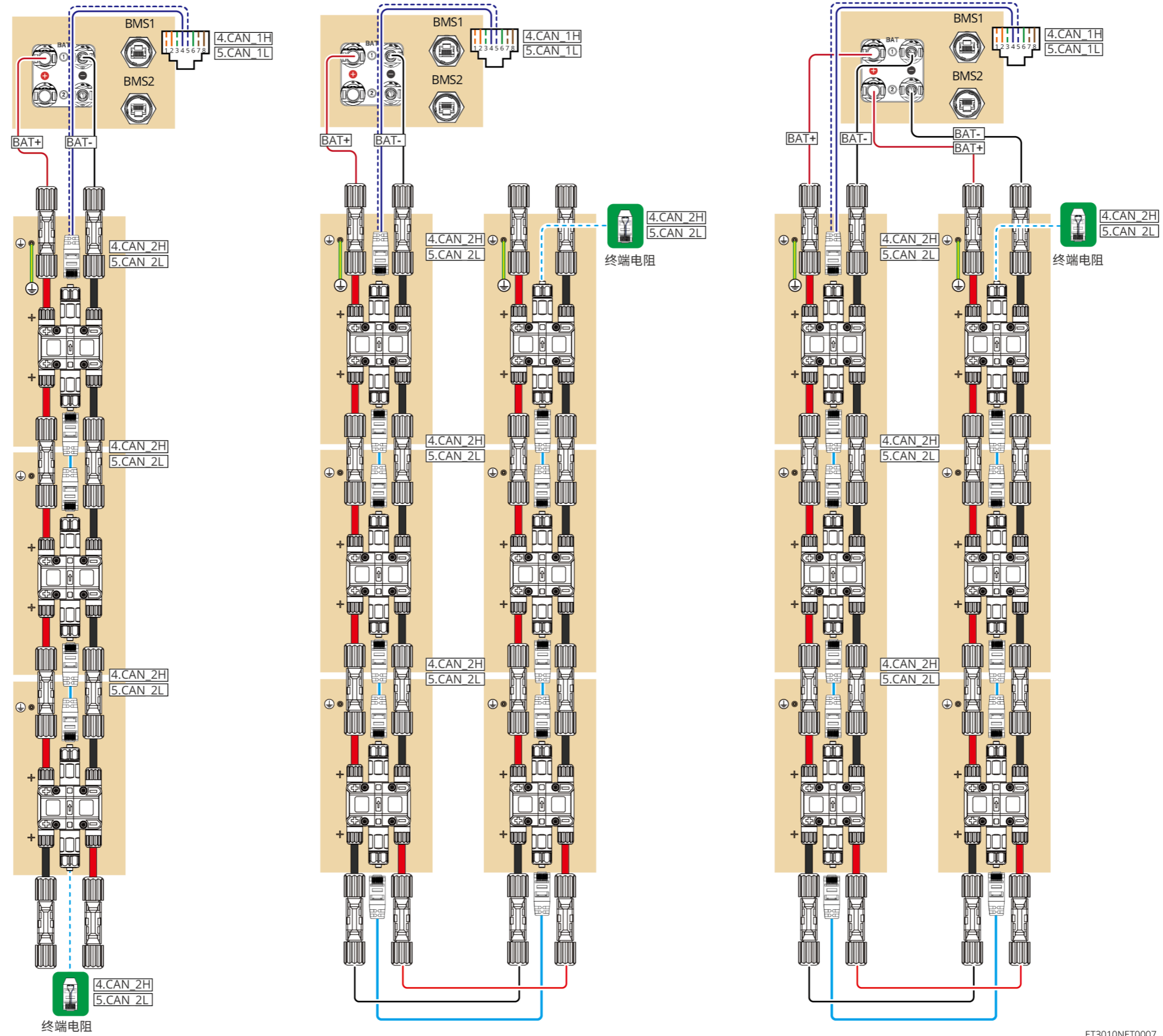


CAT 5E及以上

Lynx Home F (G2)



电池系统数量	BAT1 接入电池系统数量	BAT2 接入电池系统数量	电池系统数量	BAT1 接入电池系统数量	BAT2 接入电池系统数量
1	1	0	2	1	1
3	2	1	4	2	2
5	3	2	6	3	3
7	4	3	8	4	4
N	$(N+1)/2$	$(N-1)/2$	M	$M/2$	$M/2$
15	8	7	16	8	8



ET3010NET0007

05 设备调测

SolarGo APP

小固云窗 APP

并机场景时，SolarGo 软件版本要求为 5.3.0 或以上。
根据界面提示连接逆变器信号。

快速设置

点击 SolarGo APP 主页 > 设置 > 快速设置，根据界面提示完成逆变器快速设置。
安装商密码为:goodwe2010

安规国家设置

安规

选择安规

电压保护参数

过压触发一阶值

过压触发一阶跳脱时间

欠压触发一阶值

欠压触发一阶跳脱时间

过压触发二阶值

过压触发二阶跳脱时间

欠压触发二阶值

欠压触发二阶跳脱时间

过压触发三阶值

退出

上一步

下一步

选择安规

欧洲

大洋洲

美洲

亚洲

非洲

其他

Sri Lanka

Thailand

UAE

中国

台湾

香港

中国-B

通过 380V 电压等级接入电网，以及通过 10kV 及以上电压等级接入公共电网连接的光伏发电站所用光伏逆变器

中国电站

中国较高压

中国最高压

Others

保存

✓

并机数量设置 (仅并机场景)

数量设置

逆变器数量

1

2

台

退出

上一步

下一步

电池接入模式设置

BAT接入模式

独立接入

并联接入

BAT1单独接入

BAT2单独接入

无电池

退出

上一步

下一步

选择电池型号

当前选择的电池

厂家: --

系列: --

型号: --

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

如果没有发现可用的电池型号。请打开移动网络，然后重启 APP 获取

退出

上一步

下一步

工作模式设置

需量电费管理

开始时间

00:00

结束时间

00:00

买电峰值限制

0.00

输入范围[0,500]kW

预留 SOC 用于需量管理

0

输入范围[0,100]%

退出

上一步

下一步

工作模式

自用模式

需量电费管理

退出

上一步

下一步

自用模式

并网放电深度

60

输入范围[0,90]%

离网放电深度

60

输入范围[0,90]%

高级设置

并网放电深度:并网工作时,电池的最大放电深度保护点。
离网放电深度:离网工作时,电池的最大放电深度保护点。

高级设置

备用模式

经济模式

延时充电

备用模式

备用模式

电网买电充电

额定功率

0.0

输入范围[0,100]%

备用模式

主要适用于电网不稳定且有重要负载的场景,当电网断电时,逆变器转为离网工作模式给负载供电;当电网恢复时,逆变器工作模式切换至并网工作。

电网充电: 开启

备用SOC: 60%

PV曲线

电网+PV充电

电池充电

负载消耗

用电曲线

电池放电

经济模式

经济模式

电池工作模式组1

功率:50.0 %

SOC:98%

00:00-07:00

一月

每天

最多增加4个电池工作组

新增

经济模式

在满足当地法律法规的情况下,根据电网峰谷电价差异,设置不同时间段买卖电。

PV优先充电

TOU曲线

PV曲线

卖电

电池充电

负载消耗

用电曲线

电池放电

电池充电

电网买电充电

备用模式

电网充电: 关闭

备用SOC: 60%

备用模式

主要适用于电网不稳定且有重要负载的场景,当电网断电时,逆变器转为离网工作模式给负载供电;当电网恢复时,逆变器工作模式切换至并网工作。

电网充电: 关闭

备用SOC: 60%

备用模式

在满足当地法律法规的情况下,根据电网峰谷电价差异,设置不同时间段买卖电。

PV优先充电

TOU曲线

PV曲线

卖电

电池充电

负载消耗

用电曲线

电池放电

电池充电

延时充电模式

延时充电

延时充电月份

峰值功率限制

0.0

输入范围[0,100]%

功率限制值必须低于防逆流值,否则无法设置

卖电转充电

PV由卖电转为给电池充电

充电时间

00:00

延时充电

针对部分有光伏并网限制的地区,可将超过并网限制的光伏发电用于给电池充电,最大限度地减少光伏浪费。

卖电转充电: 开启

PV > 功率限制值

功率限制

PV曲线

卖电

电池充电

负载消耗

用电曲线

电池放电

延时充电

针对部分有光伏并网限制的地区,可将超过并网限制的光伏发电用于给电池充电,最大限度地减少光伏浪费。

卖电转充电: 关闭

PV < 功率限制值

功率限制

PV曲线

卖电

电池充电

负载消耗

用电曲线

电池放电

延时充电

针对部分有光伏并网限制的地区,可将超过并网限制的光伏发电用于给电池充电,最大限度地减少光伏浪费。

卖电转充电: 关闭

PV < 功率限制值

功率限制

PV曲线

卖电

电池充电

负载消耗

用电曲线

电池放电

设置各逆变器电池接入情况 (仅并机场景)

根据界面提示完成各逆变器电池接入模式和电池型号设置。



设置设备高级参数

点击 SolarGo APP 主页 > 设置 > 高级设置，完成以下逆变器高级设置。

DRED/Remote Shutdown/RCR和三相不平衡输出功能设置 (可选)



当电网采用分相计费时，请启用三相不平衡输出功能。

防逆流功能设置



设置网络

点击 SolarGo APP 通过主页 > 设置 > 通讯配置，进入设置界面，设置网络参数。



APN 设置完成后，请拔除蓝牙模块，插入 4G Kit-EC 或 4G Kit-AU 模块

请使用小固云窗 APP 完成电站创建和设备添加相关操作。

