

GOODWE



用户手册

电池系统

Lynx Home A

V1.0-2023-08-20

商标授权

GOODWE

GOODWE

注意

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7.3

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1 前言

1.1 适用产品

- LX A5.0-10

1.2 适用人员

1.3 符号定义

 危险
 警告
 小心
注意

1.4 版本记录

V1.0 2023-08-20

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2 安全注意事项

注意

2.1 通用安全

注意

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<https://www.goodwe.com/support-service/warranty->

[related_](#)




2.2 电池安全

危险

-
-
-
-
-
-
-
-
-
-
-

60

小心	
•	
•	
•	
•	
•	
•	
•	30mm
•	30mm

			
			
			
	CE		TUV
	RCM	-	-



2.3 紧急情况的应急措施

电池电解液泄漏

- 吸入
- 眼睛接触 15
- 皮肤接触
- 误食

起火

- 150
- Novac1230 FM-200
- ABC

2.4 EU符合性声明

- Electromagnetic compatibility Directive 2014/30/EU (EMC)
- Restrictions of Hazardous Substances Directive 2011/65/EU and (EU) 2015/863 (RoHS)
- Waste Electrical and Electronic Equipment 2012/19/EU
- Registration, Evaluation, Authorization and Restriction of Chemicals (EC) No 1907/2006 (REACH)
- Battery Directive 2006/66/EC
EU <https://en.goodwe.com>.

3 产品介绍

3.1 产品简介

功能概述

型号说明

• LX A5.0-10

型号含义

LX A 5.0-10



序号	含义	说明
1		Lynx Home A
2		5.0 5kWh
3		10 1.0

可用电量说明

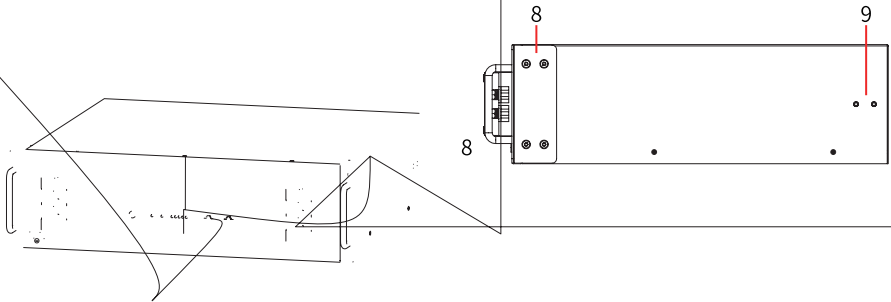
注意	
15	15

匹配的逆变器列表

同...?

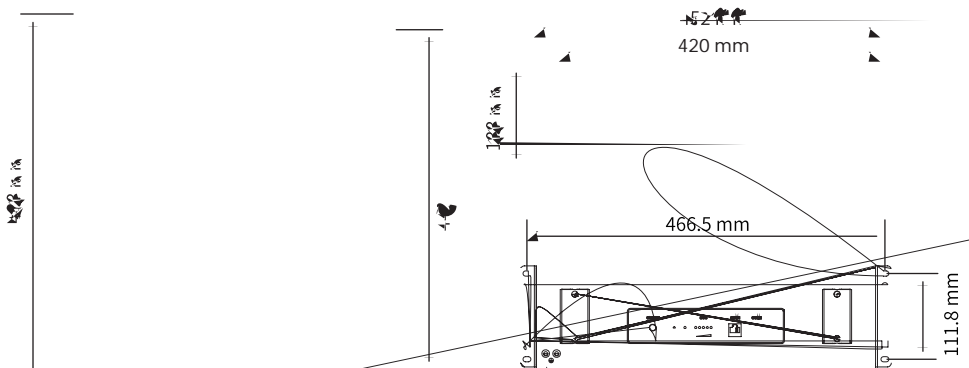


3.2 外观说明



序号	部件名称	说明
1		
2		
3		2 BAT+ 2 BAT- BAT+ BAT-
4		
5		• SOC SOC • RUN • ALM • SOC RUN ALM
6	COM1	
7	COM2	COM1 COM2
8		
9		
10		

尺寸

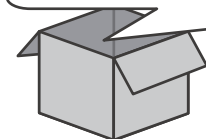
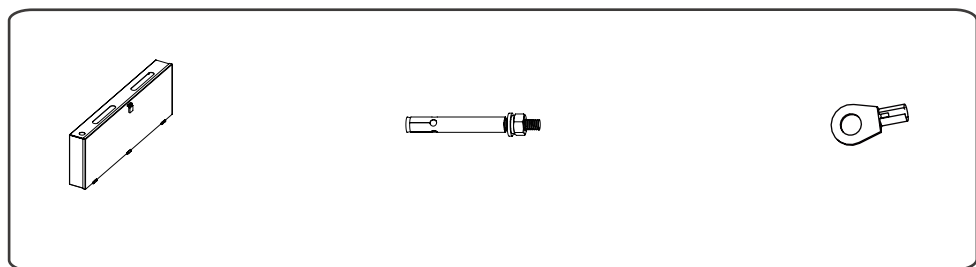
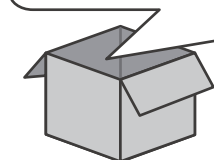
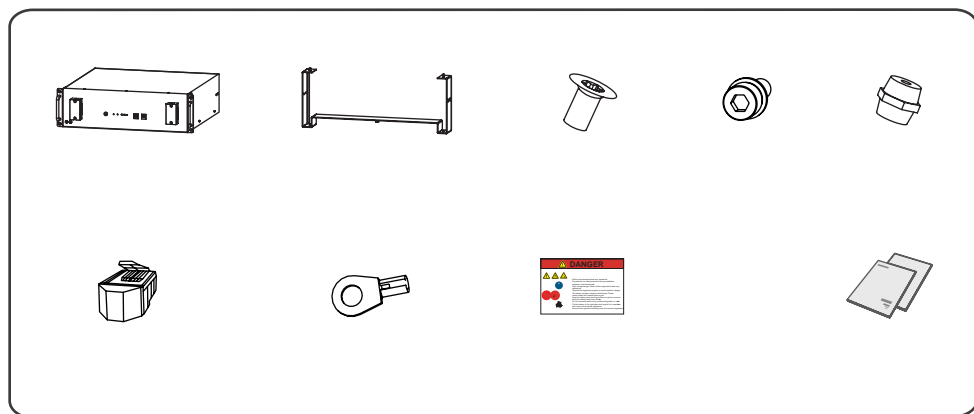


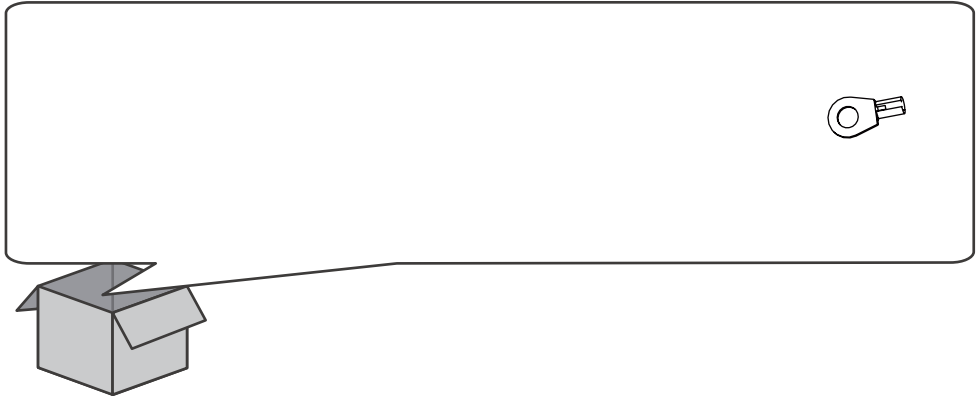
4 设备检查与存储

4.1 签收前检查

- 1.
- 2.
- 3.

4.2 交付件





4.3 设备存储

- 1.
2. 3
- 3.
- 4.
- 5.
- 6.
- 7.
8. SOC 25% -50%SOC
9. 6
10.
 - -20 0 40° 45° 1
 - 0 40 1
 - 25± 5
11. 0~95%RH

5.2 安装电池系统

5.2.1 搬运设备



小心

-
-
- 1.
- 2.
- 3.

5.2.2 落地堆叠

注意

6

1

步骤2:

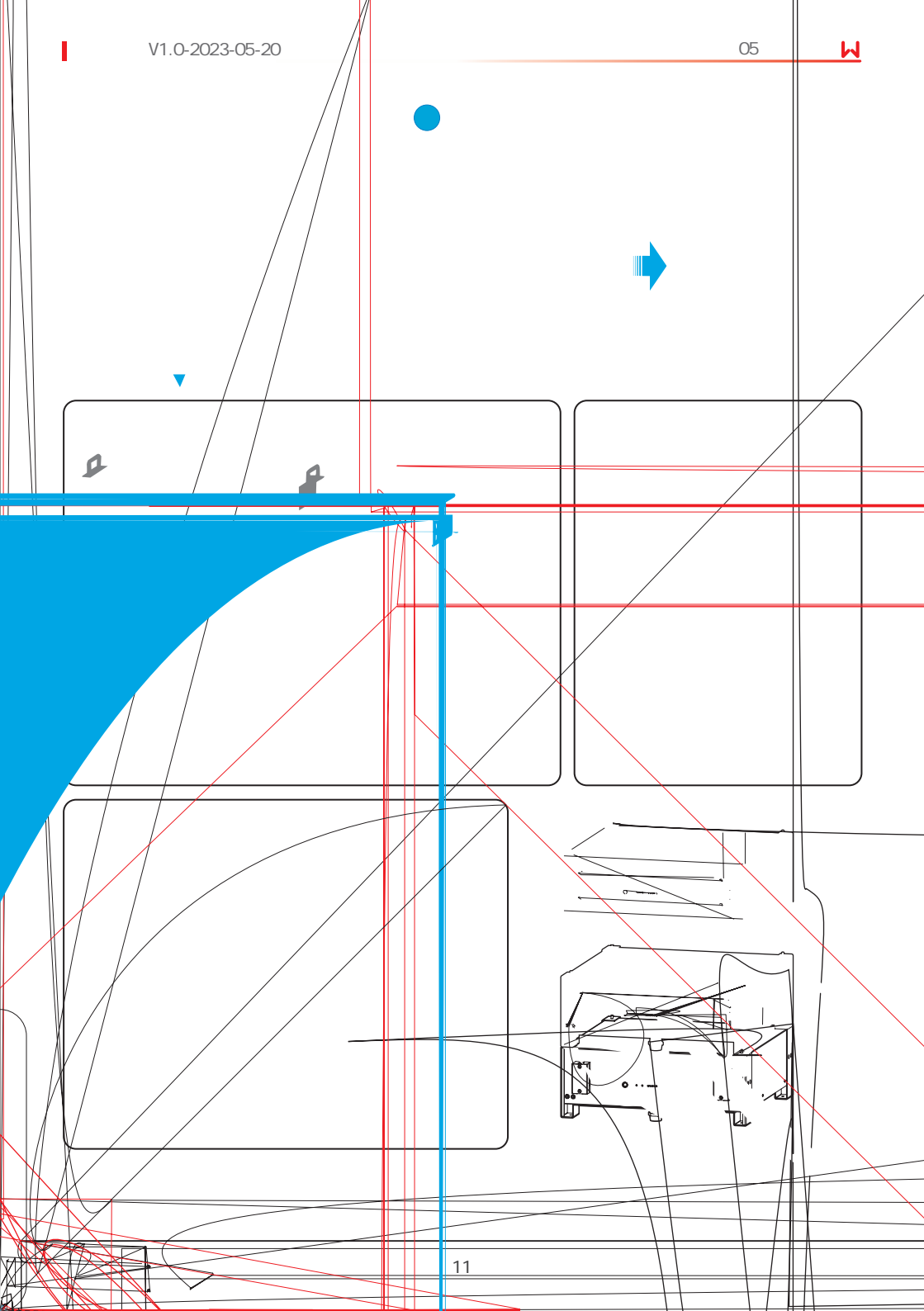
步骤3:

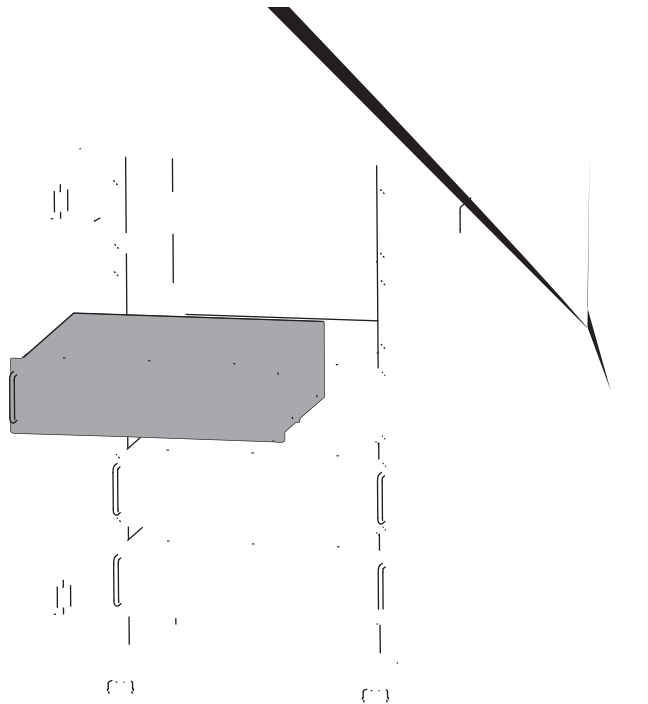
步骤4:

步骤5:

步骤6:将

-
-







6 电气连接

6.1 安全注意事项



-
-
-
-

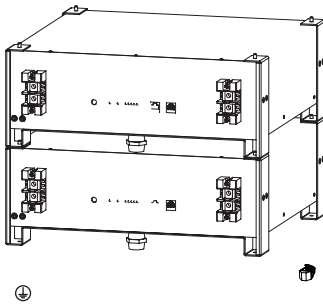
注意

-
-
-

6.2 系统接线总览

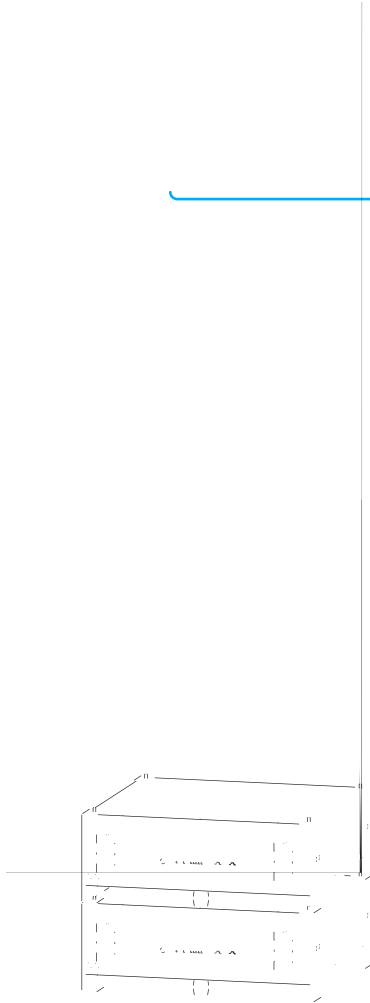
注意

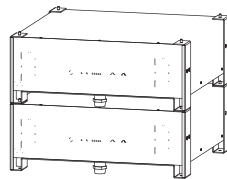
- 15 SOC
-
- 6.5
- 15
- 300mm
- 3m
-
-

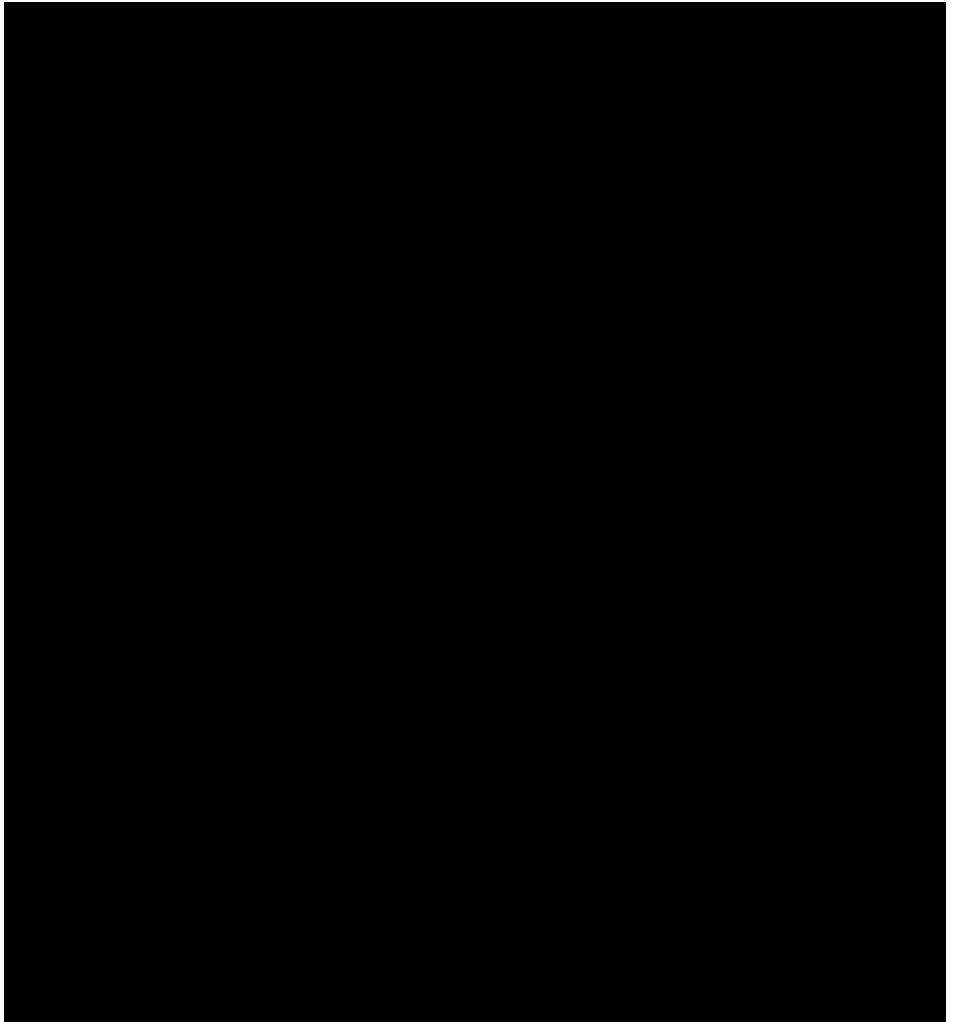




电池数量n	系统运行电流(A)	系统运行功率(kW)	备注
n 6	$n \times 60$	$n \times 3$	-
n 6	360	18	360A 18kW

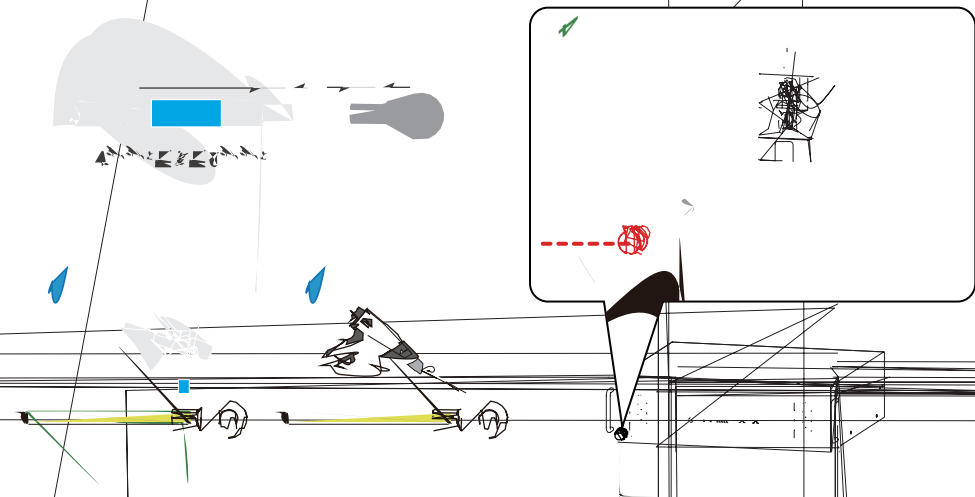






6.3 连接保护地线

注意			
•			
•		YOK-70	
•	4mm ²	>270N	6mm ²
•			>450N
•			
•	4-6mm ²		

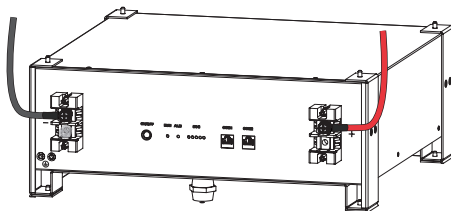


6.4 连接功率线

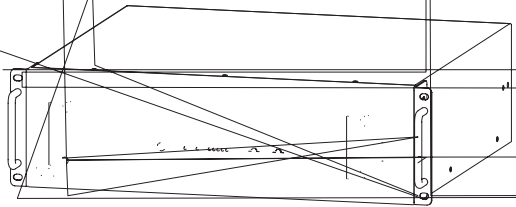
警告

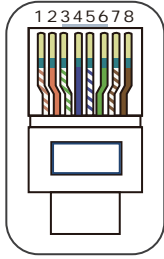
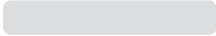
-
-
-

YQK-70



注意	
1. 2. 3. 电池-逆变器网线: . . / >2	120A Pin3 Pin8
电池-电池间网线: .	





7 系统运作

7.1 上电前检查

编号	检查项
1	
2	
3	
4	

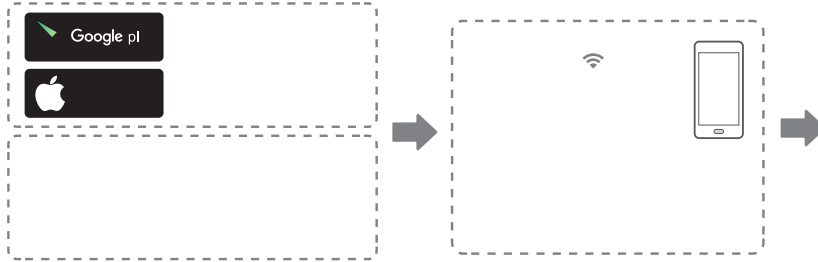
7.2 电池系统上电

7.3 设置电池参数

注意

SolarGo APP

步骤1: SoalrGo APP



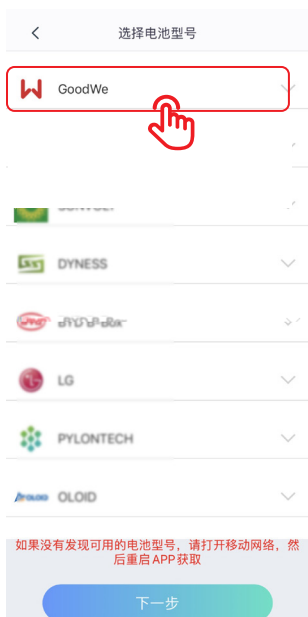
步骤2:



步骤3： 主页 > 更多 > 快速配置 > BAT接入模式 > 电池接入

注意

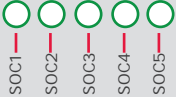

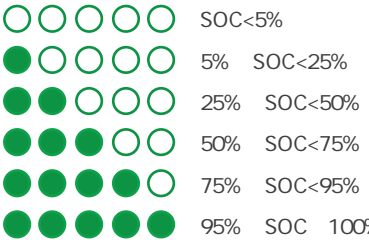
-
-





7.4 指示灯状态

正常状态

SOC指示灯 	RUN灯 	电池系统状态
SOC 	1 /s	
5% SOC<25%	2 /s	
25% SOC<50% 50% SOC<75% 75% SOC<95% 95% SOC 100%		
SOC 1 /s • 5% SOC<25% SOC1 • 25% SOC<50% SOC2 • 50% SOC<75% SOC3 • 75% SOC<95% SOC4 • 95% SOC 100% SOC5		

异常状态

ALM灯 	电池状态	处理措施
2 /s		
		SOC



8.2 定期维护

警告





-
-
-

维护内容	维护周期
	6
	6
	6
	6
	6

8.3 故障处理

- 1.
- 2.

 ALM

SOC指示灯	故障类别	解决方法
		2h
		
		2h
		

○ ○ ● ○ ●		
○ ○ ● ● ○		
○ ○ ● ● ●		
○ ● ○ ○ ○		
○ ● ○ ○ ●		2h
○ ● ○ ● ●		12h
○ ● ● ○ ○		
○ ● ● ○ ●		
○ ● ● ● ○	MOS	
○ ● ● ● ●	MOS	
● ○ ○ ○ ○		
● ○ ○ ○ ●		
● ○ ○ ● ○	BMU	
● ○ ○ ● ●	MCU	
● ○ ● ○ ○		
● ○ ● ○ ●		
● ○ ● ● ○	MOS	2h
● ○ ● ● ●		2h
● ● ○ ○ ○		
● ● ● ● ●		

9 技术参数

	LX A5.0-10	2*LX A5.0-10	n*LX A5.0-10	
kWh *1	5	10	n× 5	
	LX A5.0-10 51.2V 5.0kWh			
	1	2	n	
	LFP (LiFePO ₄)			
V	51.2			
V	47.5-57.6			
A *2	60	120	n× 60*3	
kW *2	3	6	n× 3*3	
	: 0~+50 : -10~+50			
	0-95%			
m	3000			
	CAN			
kg	40	80	n× 40	
× × mm	LX A5.0-10	442× 133× 420()	483× 133× 452()	
	IP21			
()	0~+40(1) -20-0(1) 40-45(1)			
	/			
*4	95%			
EMC	IEC62619 IEC63056 IEC62040-1 INmetro			
	EN IEC61000-6-1, EN IEC61000-6-2, EN IEC61000-6-3, EN IEC61000-6-4			
	UN38.3 ADR			
*1	100%	25± 2	0.2C	
*2	SOC			
*3:				
*4:	2.5~3.65V	25± 2	0.2C/0.2C	0.6C/0.6C
	94% ~95%			
n n	15			

