

Lynx U Series

Rechargeable Li-ion Battery Module

LX U5.0-30

Quick Installation Guide

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EN-English

- The information in this quick installation 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 here are for guidance only.
- All operations should be performed by trained and knowledgeable technicians who are familiar with local standards and safety regulations.
- Strictly follow the installation, operation, and configuration instructions in this guide and user manual. The manufacturer shall not be liable for equipment damage or personal injury if you do not follow the instructions.

ZH-中文

- 因产品版本升级或其他原因,本文档内容会不定期进行更新。如无特殊约定,本文档不可取代产品标签或用户手册。本文档中的所有描述仅作为使用指导。
- 设备所有操作必须由专业、合格的电气技术人员进行,技术人员需熟知项目所在地相关标准及安全规范。
- 未按照本文档或对应用户手册要求安装、使用、配置设备造成的设备损坏或人员伤亡,不在设备厂商责任范围之内。



Official Website



官方网站



More Info



更多信息



340-01317-02

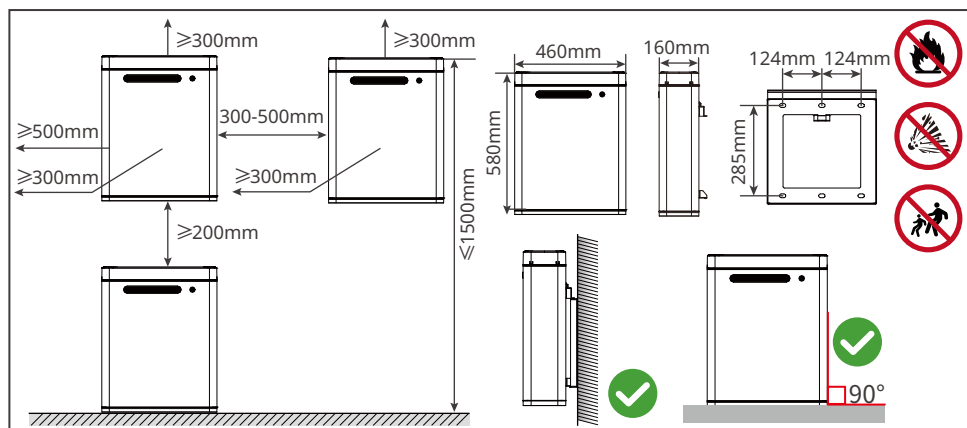
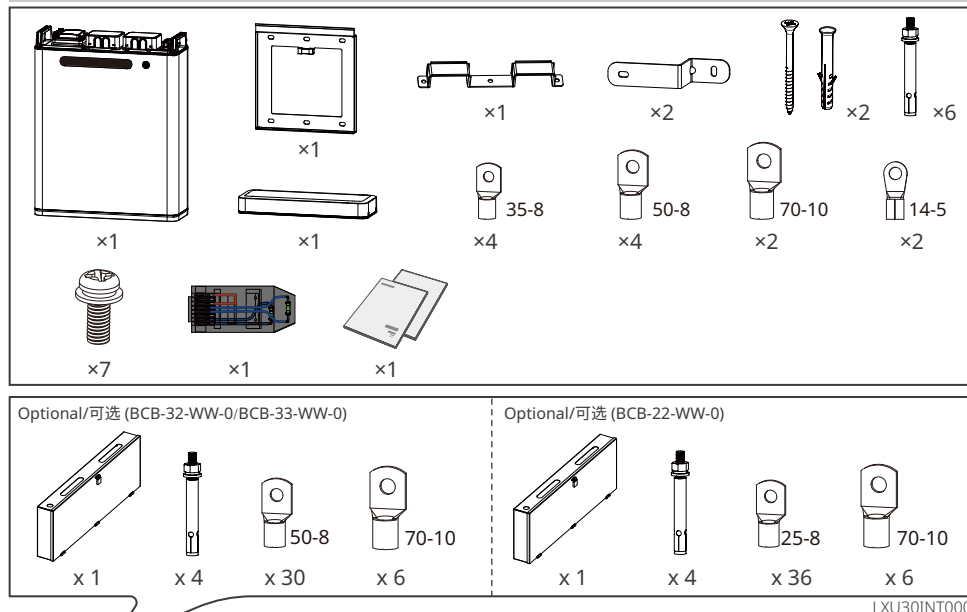
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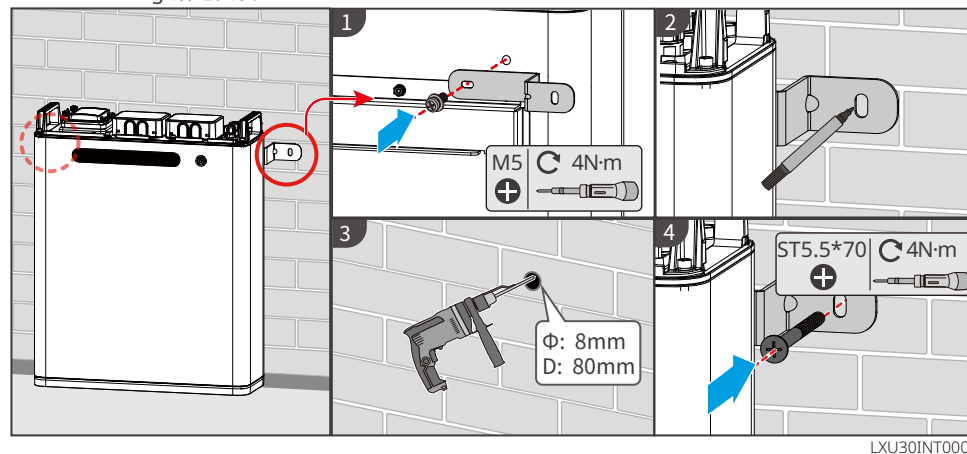
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Procedure

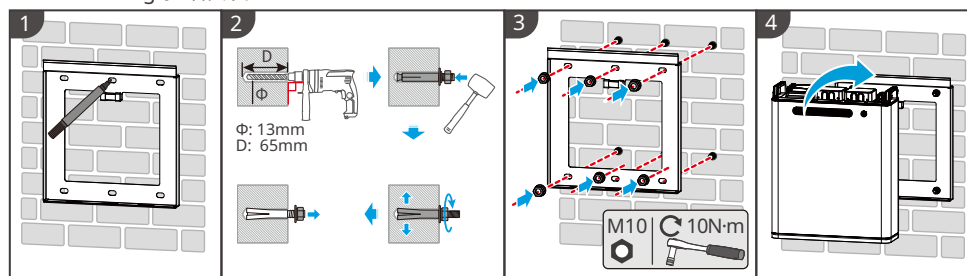
1 **EN** Installation **ZH** 安装



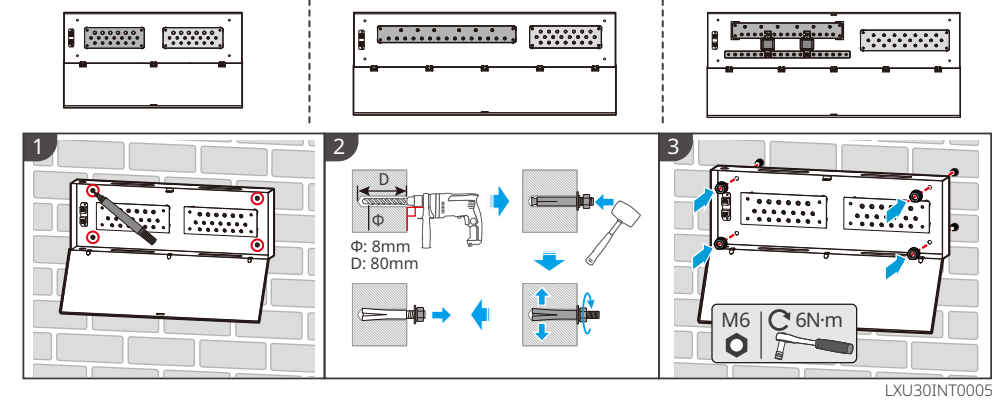
Floor mounting/落地安装



Wall mounting/挂墙安装

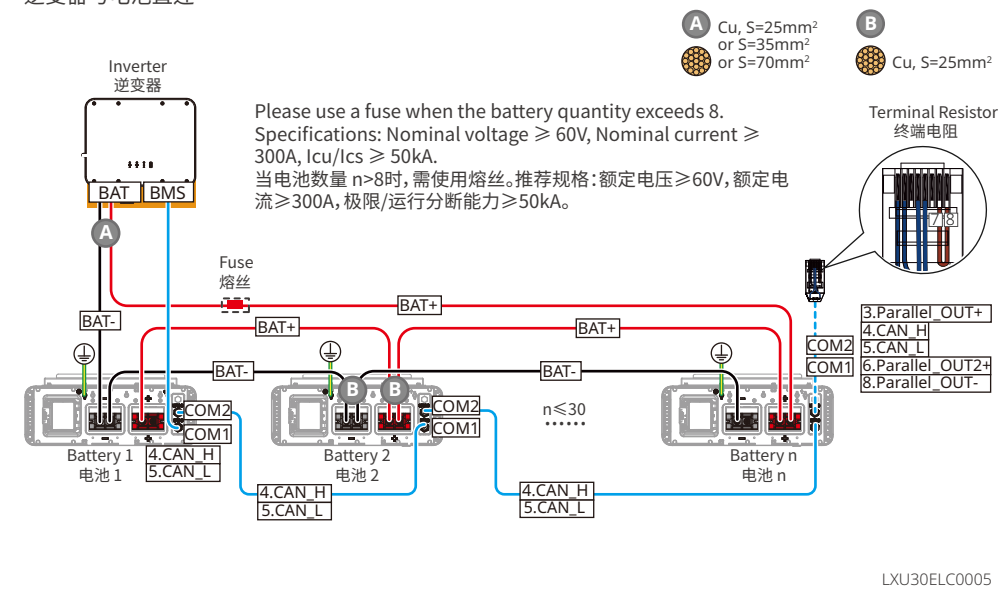


Busbar Box mounting/汇流盒安装

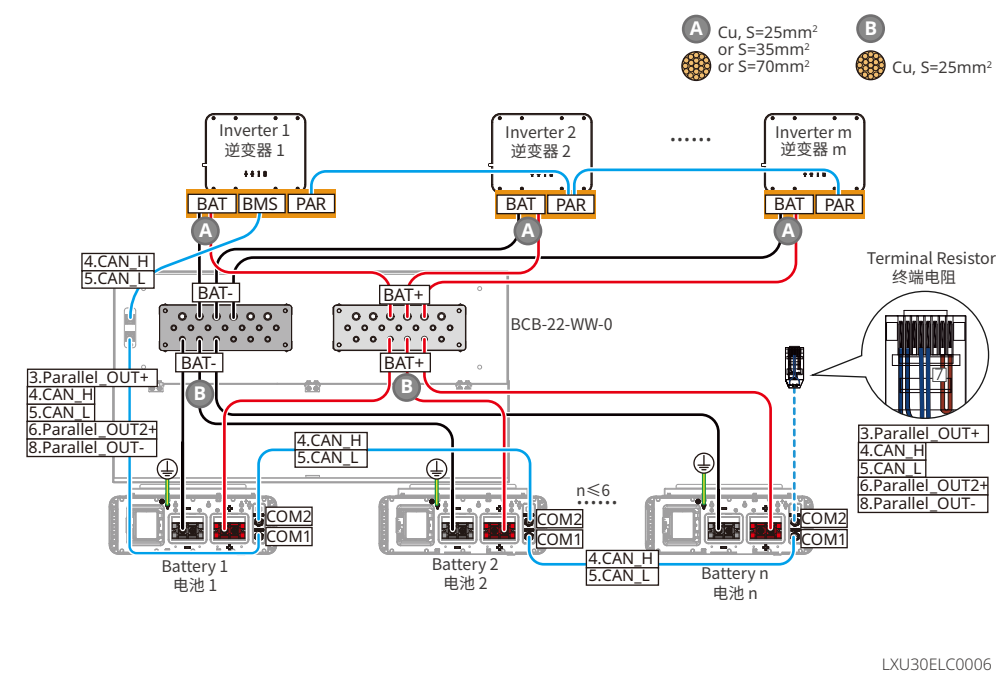


2 EN Electrical Connection ZH 电气连接

Direct Connection between Inverter and Battery 逆变器与电池直连



When the battery quantity is less than or equal to 6, and the busbar BCB-22-WW-0 is used, the wiring diagram is as follows:
 电池数量小于等于6,使用汇流排(BCB-22-WW-0)时,接线图如下:



Procedure

电池数量小于等于8,使用汇流排(BCB-32-WW-0)时,接线图如下:



电池数量小于等于15,使用汇流排(BCB-33-WW-0)时,接线图如下:



当电池数量 $n > 8$ 时,需并联2个熔丝。规格:额定电流 $\geq 600\text{A}$ 。

电池数量小于等于8,使用第三方汇流排时,接线图如下:



电池数量大于15, 使用第三方汇流排时, 接线图如下:



当电池数量 $n > 8$ 时, 需使用熔丝。推荐规格: 额定电压 $\geq 80V$, 额定电流 ≥ 1.6 倍系统额定电流, 极限/运行分断能力 $\geq 50kA$ 。



1

Cu, 35mm² → 35-8
 Cu, 50mm² → 50-8
 Cu, 70mm² → 70-10

L=L1+2mm

25mm², Ø9.5-10.5mm → 35-8
 35mm², Ø11.5-12.5mm → 35-8
 50mm², Ø12.5-13.5mm → 50-8
 70mm², Ø15.7-16.7mm → 70-10

2

BCB-22-WW-0

M5 C 4N·m

3

BCB-32-WW-0/BCB-33-WW-0

M8 C 12N·m
 M5 C 4N·m

XU30ELC0004

The diagram is divided into three parts. The left part shows a power supply unit with two output terminals labeled 'COM1' and 'COM2'. A cable with a connector is shown being plugged into 'COM1'. The middle part shows the power supply unit being installed into a rack. A red dashed line indicates the path of the cable. A torque specification of 'M5 C 4N·m' is shown. The right part shows the main unit being inserted into the enclosure, indicated by a blue arrow.

1

2

COM1

COM2

M5 C 4N·m

LXU30ELC0003

LXU30INT0000

LXU30INT0006

