



SmartGuard

63A-(S0, AUS0)

EN Quick Guide

ZH 快速指南

Issue: 01 Part Number: 31500JHV
文档版本: 01 部件编码: 31500JHV



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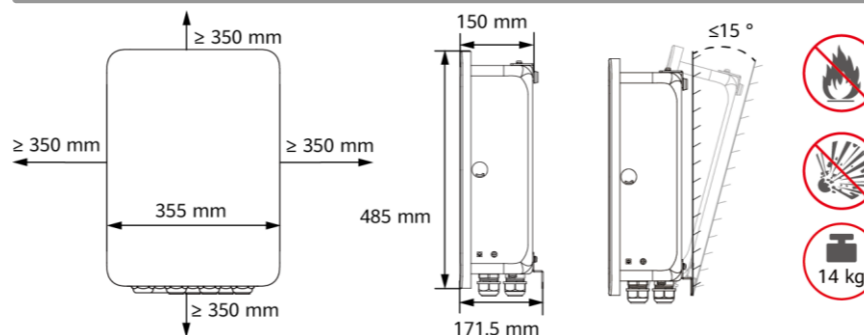
EN Before installing the equipment, read the user manual carefully to get familiar with product information and safety precautions. The product warranty does not cover equipment damage caused by failure to follow the storage, transportation, installation, and usage guidelines specified in this document and the user manual.

Log in to the technical support website (<https://support.huawei.com/enterprise>) to view the user manual and safety precautions.

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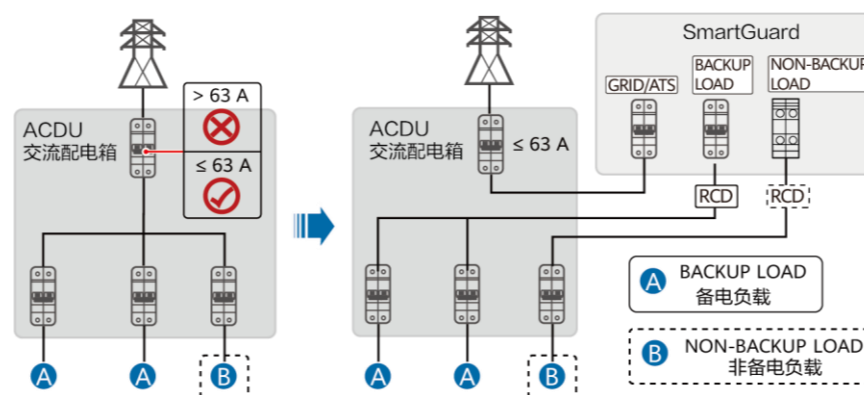
ZH 安装设备前请详细阅读用户手册，了解产品信息及安全注意事项。未按照本文档与用户手册的内容存储、搬运、安装和使用设备而导致设备损坏，不在设备质保范围内。您可以登录技术支持网站 (<https://support.huawei.com/enterprise>)，查阅用户手册和安全注意事项等信息。由于产品版本升级或其他原因，本文档内容会不定期进行更新。除非另有约定，本文档仅作为使用指导，文档中的所有陈述、信息和建议不构成任何明示或暗示的担保。

1 EN Installation Requirements ZH 安装要求

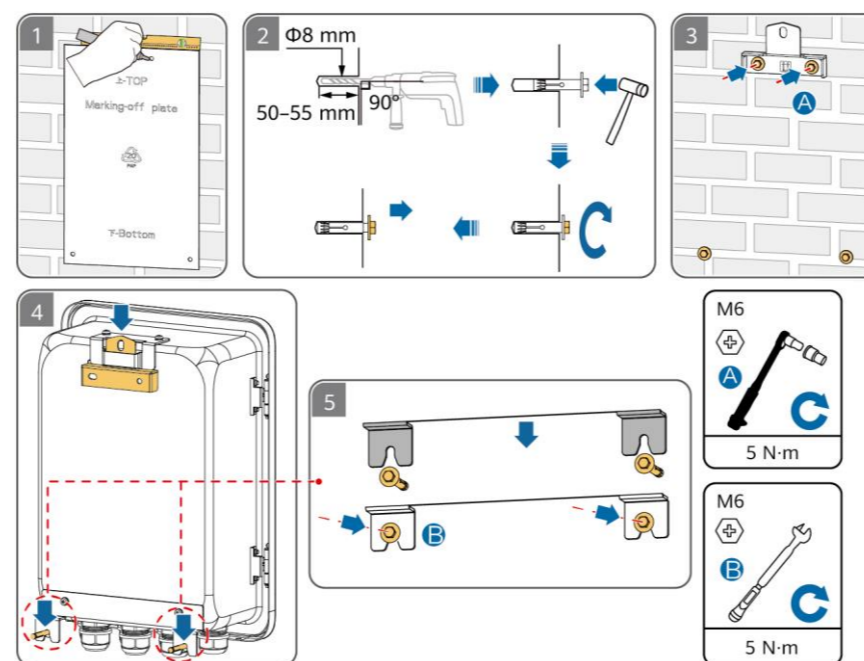


2 EN Confirming Load Types with Owners ZH 业主确认负载类别

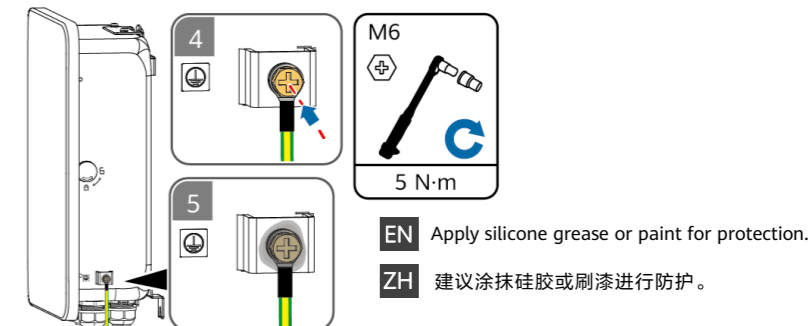
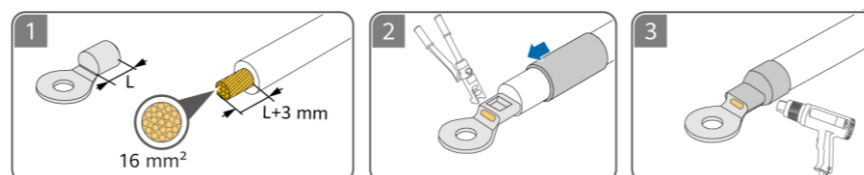
- EN • The SmartGuard applies to a main circuit breaker of less than or equal to 63 A. If the current is greater than 63 A, do not install the SmartGuard.
- If the power of Backup loads exceeds the maximum off-grid output power of the inverter, the inverter may be shut down due to overload. In this case, you need to shut down some loads.
- ZH • SmartGuard适用家庭入户总空开≤63A，>63A请勿安装。
- 如果备电负载功率超过逆变器的离网输出最大功率，逆变器可能会过载关机，需要关闭一些负载才能离网运行。



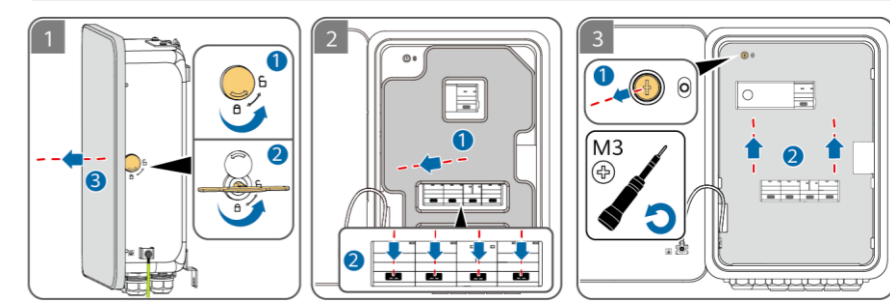
3 EN Installing the Device ZH 安装设备



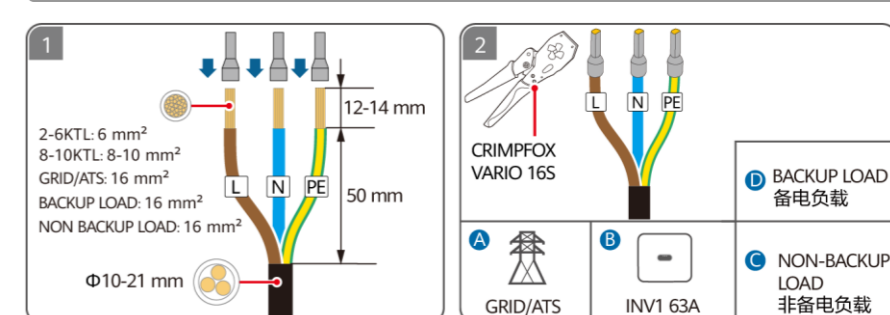
4 EN Installing a PE Cable ZH 安装保护地线



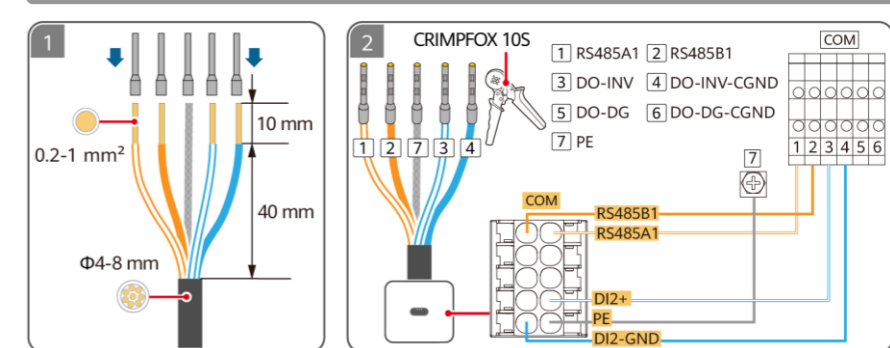
5 EN Opening the Maintenance Compartment ZH 打开维护腔



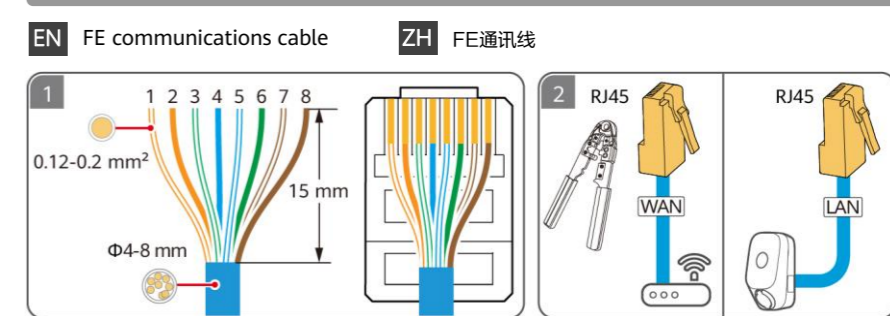
6 EN Preparing AC Power Cables ZH 准备交流线缆

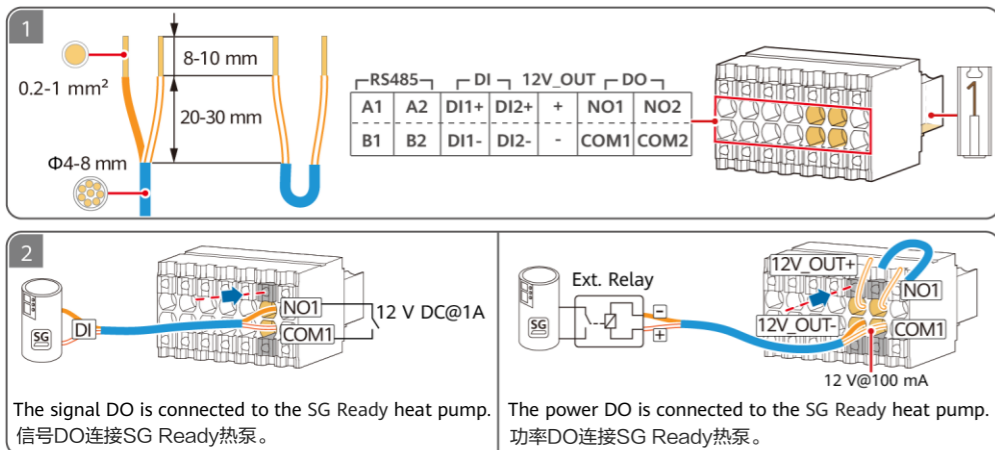


7 EN Preparing SmartGuard Signal Cables ZH 准备备电盒信号线缆



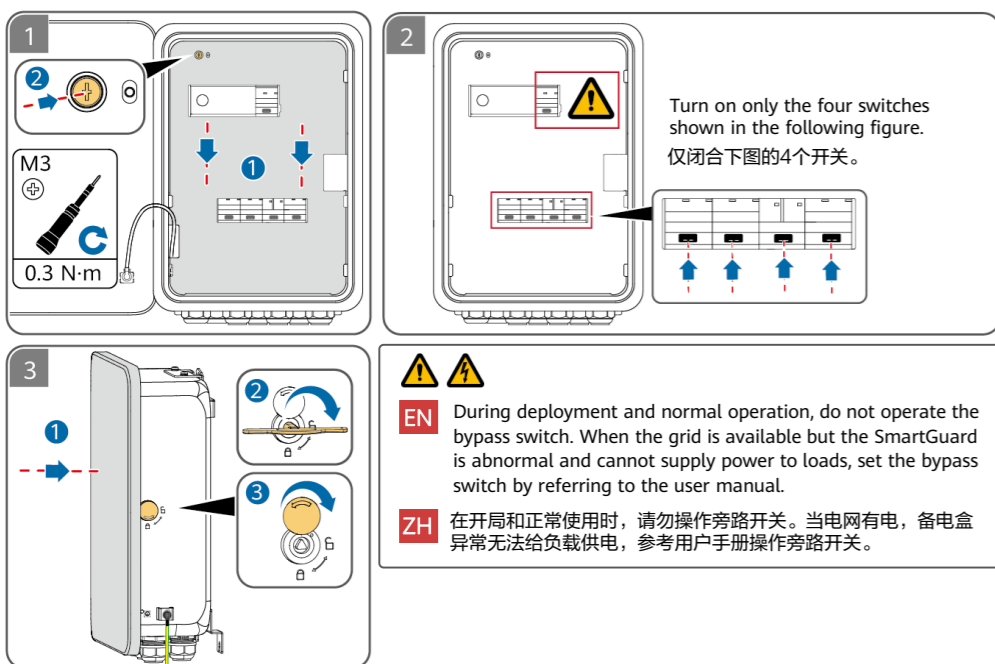
8 EN Preparing EMMA Signal Cables ZH 准备EMMA信号线缆





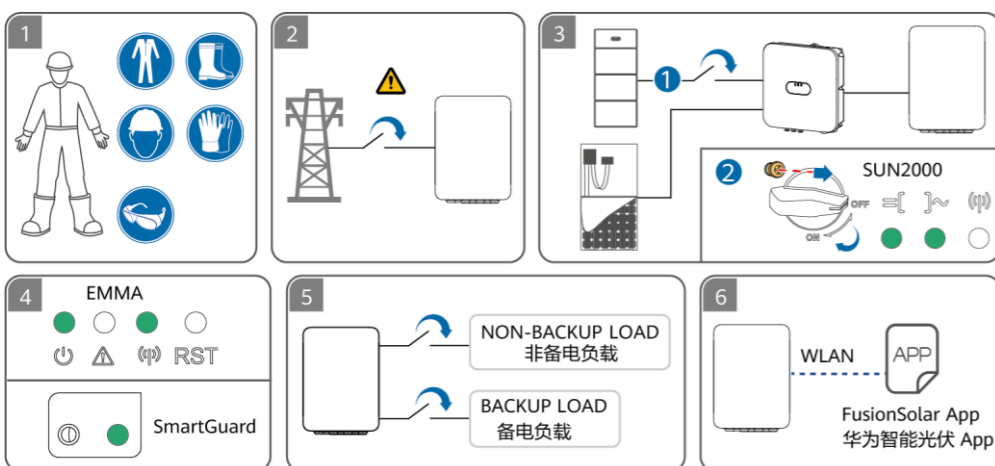
10 EN Closing the Maintenance Compartment

ZH 关闭维护腔



11 EN On-Grid Power-On and Commissioning

ZH 并网运行上电调测



EN Off-grid power-on and commissioning: Turn off the main circuit breaker in step 2 to complete the power-on and commissioning. After the grid recovers, turn on the main circuit breaker in step 2.

ZH 离网运行上电调测：保持步骤2入户总开关断开，完成上电调测步骤。待电网恢复供电后，再闭合步骤2入户总开关。

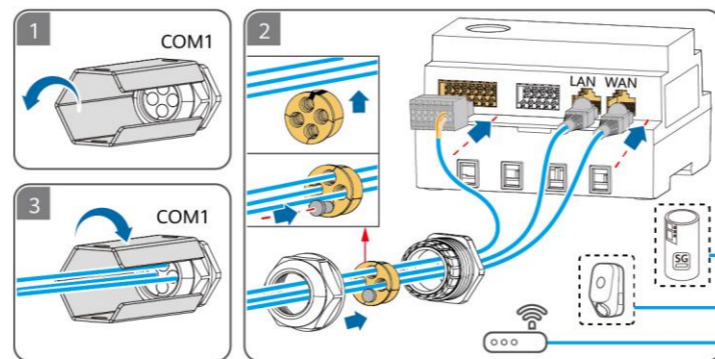
9

EN Electrical Connections

ZH 电气连接

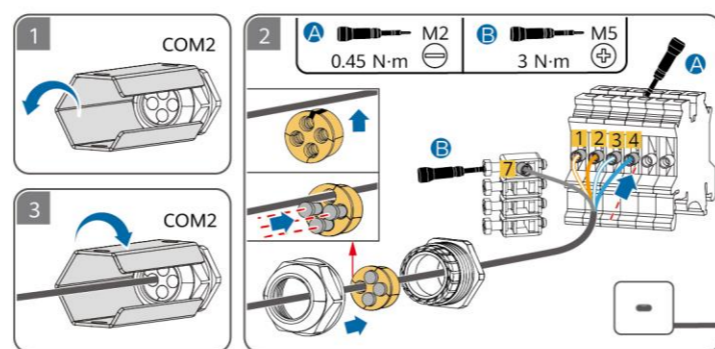
EN Connect the EMMA signal cables.

ZH EMMA信号线连接。



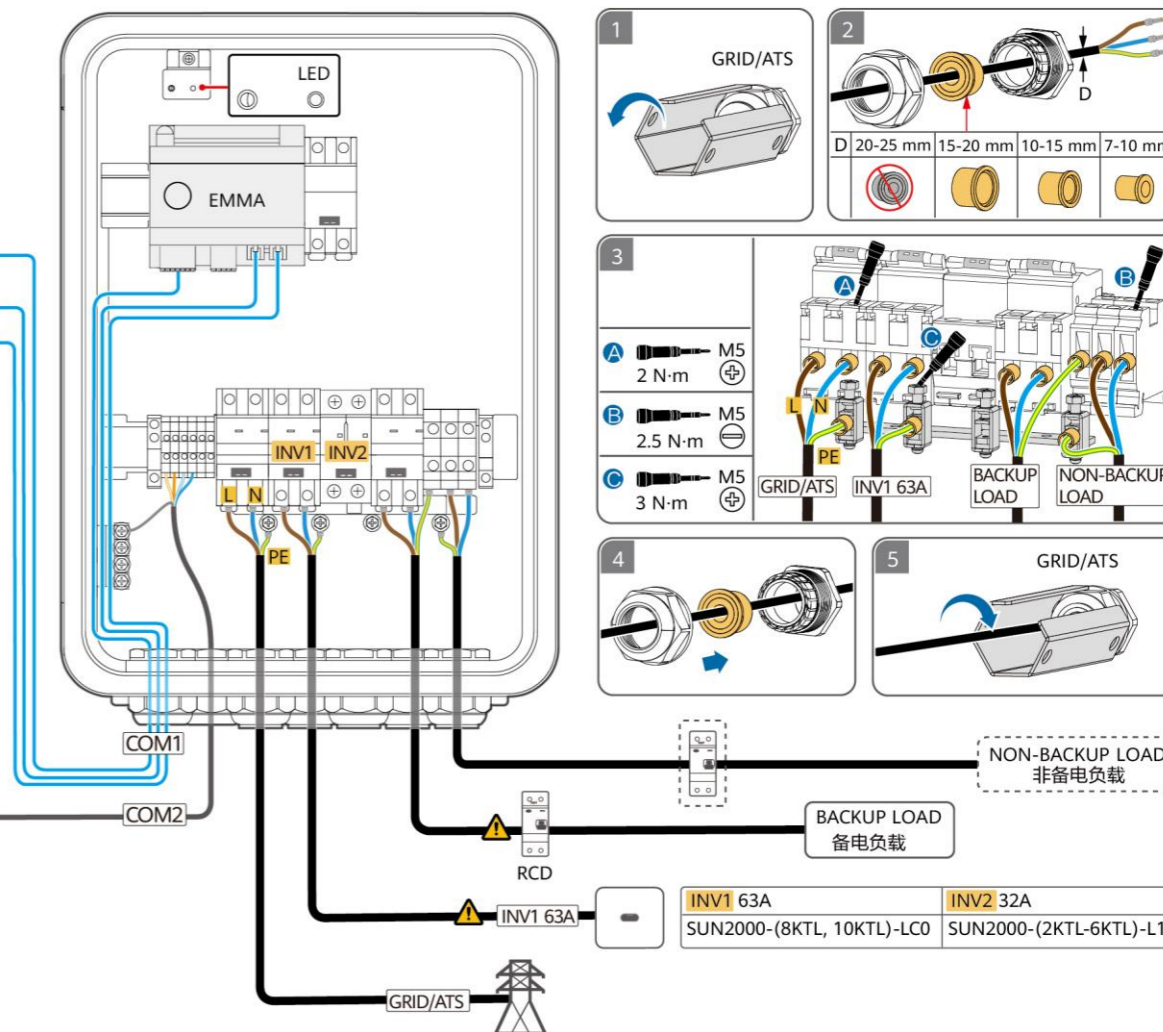
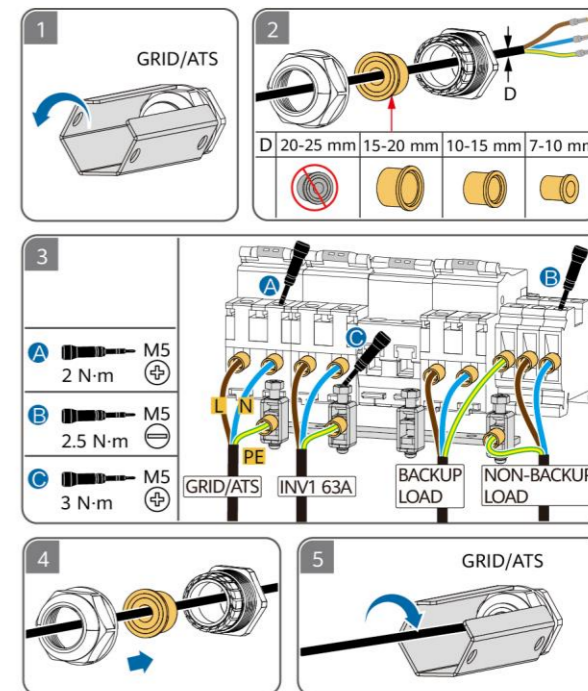
EN Connect the SmartGuard signal cable.

ZH 备电盒信号线连接。



EN Connect the SmartGuard communications cables.

ZH 备电盒交流线连接。



EN RCD: An RCD must be installed before the backup load. During off-grid operation, the main circuit breaker does not provide protection. Electric leakage on the loads may result in electric shocks.

EN INV: Only one inverter can be connected to the SmartGuard. Select a port based on the inverter model.

ZH 漏电保护开关 (RCD)：备电负载前必须安装漏电保护开关，当离网运行时，入户总开关会失去保护作用，负载发生漏电可能导致电击危险。

ZH 逆变器 (INV)：仅支持单台逆变器接入备电盒，根据逆变器型号选择端口。



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