



HUAWEI

# EMMA

## (A01, A02)

### EN Quick Guide

### ZH 快速指南

Issue: 01  
Part Number: 31500JGH



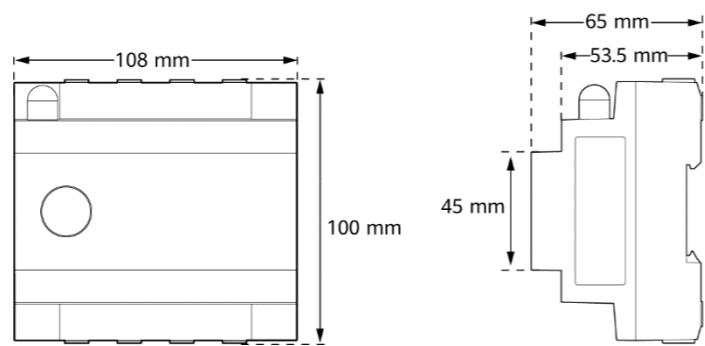
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	EMMA-A01	EMMA-A02
EN	Only PV and ESS features are supported. Do not connect signal cables of chargers, heat pumps, and other intelligent electrical equipment to EMMA.	Features of PV, ESSs, smart chargers, and smart loads are supported.
ZH	仅支持光储特性，因此不涉及本文档中充电桩、热泵等智能用电设备的信号线连接。	支持光储、智能充电、智能用电特性。

## 2

### EN Installation Requirements

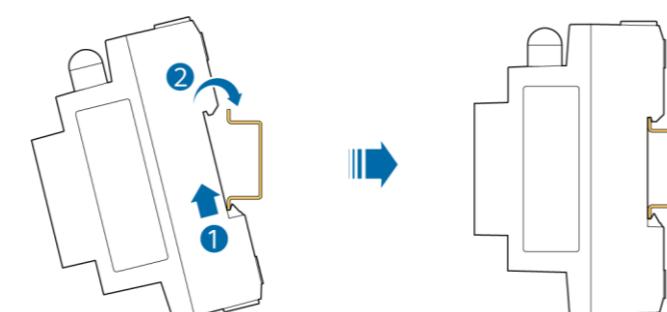
### ZH 安装要求



## 3

### EN Installing the Equipment

### ZH 安装设备



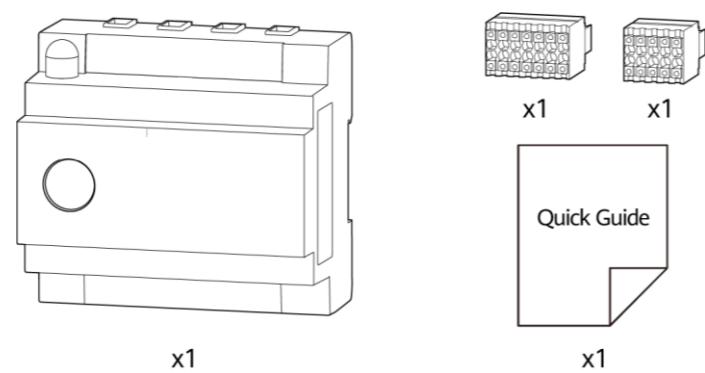
EN Install the EMMA on the DIN 35 mm standard guide rail of the AC power distribution box in which a surge protective device must be configured.

ZH 将EMMA安装至交流配电箱的DIN35mm标准导轨上，配电箱内部必须配置防雷器。

## 1

### EN Package Contents

### ZH 包装清单



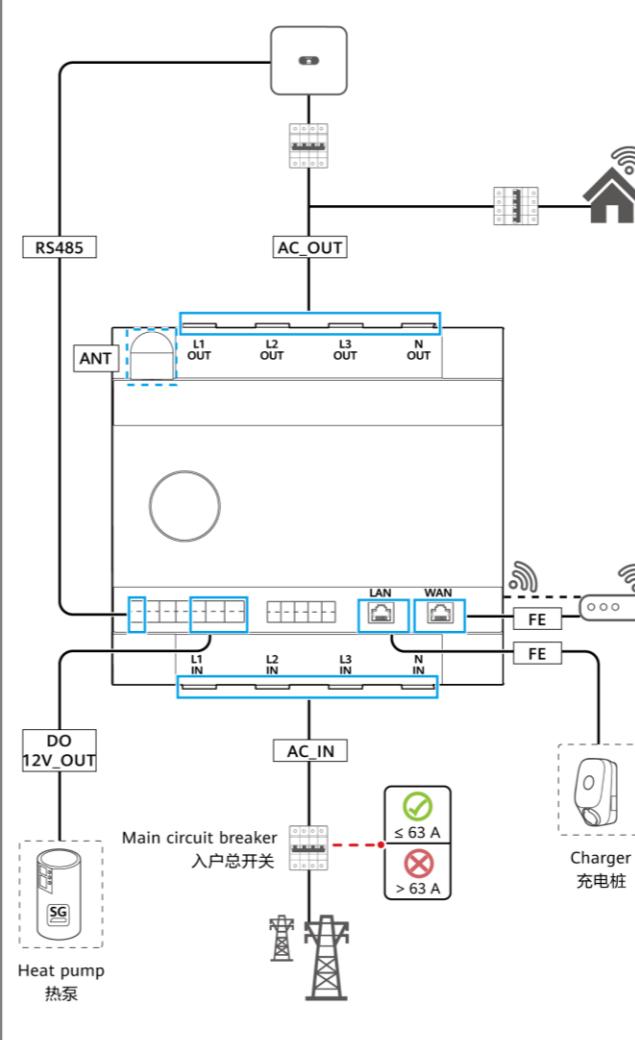
## 4

### EN Preparing Cables

### ZH 准备线缆

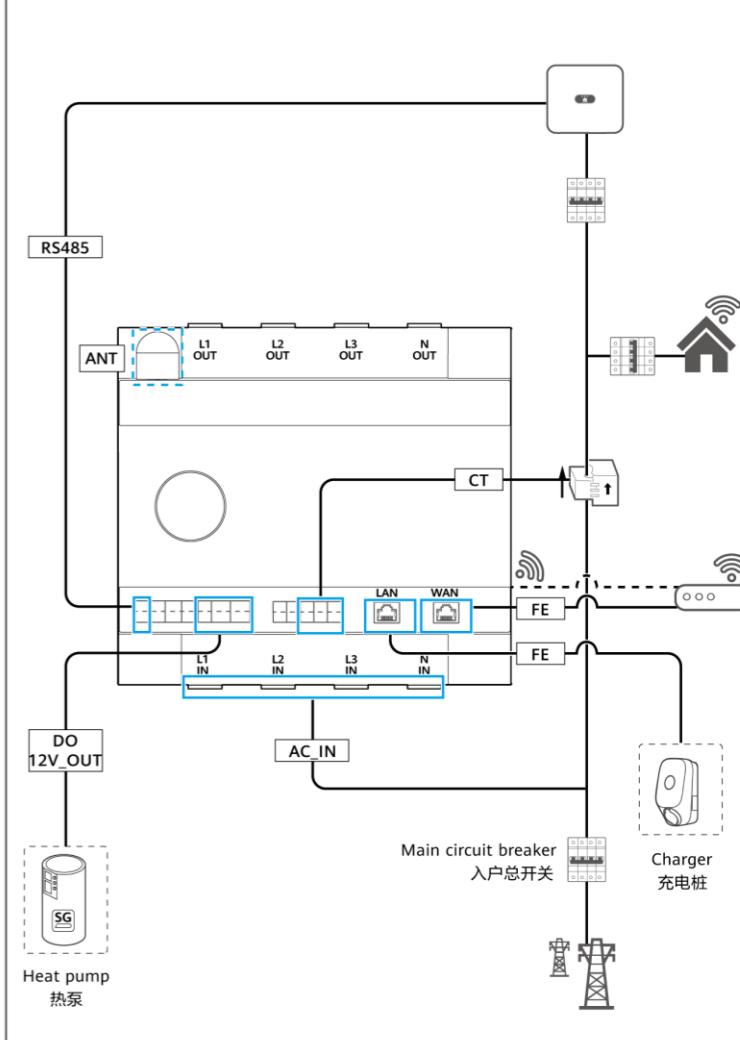
EN Internal CT connection (current ≤ 63 A)

ZH 内置CT接入（电流≤63A）

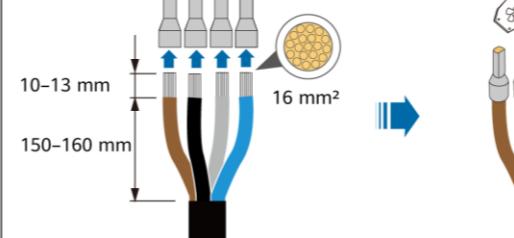


EN External CT connection (current > 63 A, CT prepared by users)

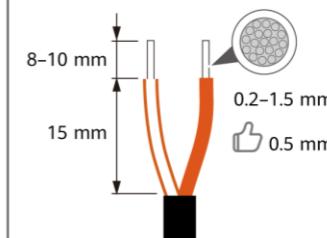
ZH 外置CT接入（电流>63A, 用户自备CT）



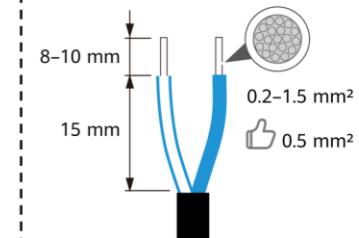
AC\_IN AC\_OUT



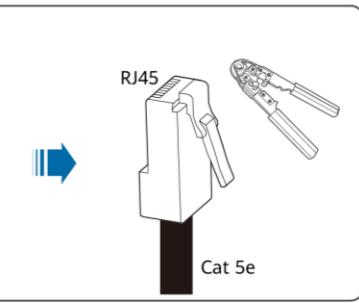
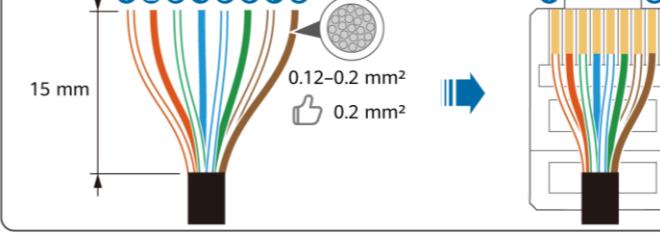
RS485 DO 12V\_OUT



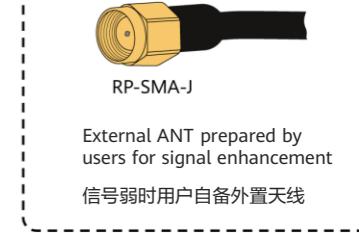
CT



FE



ANT



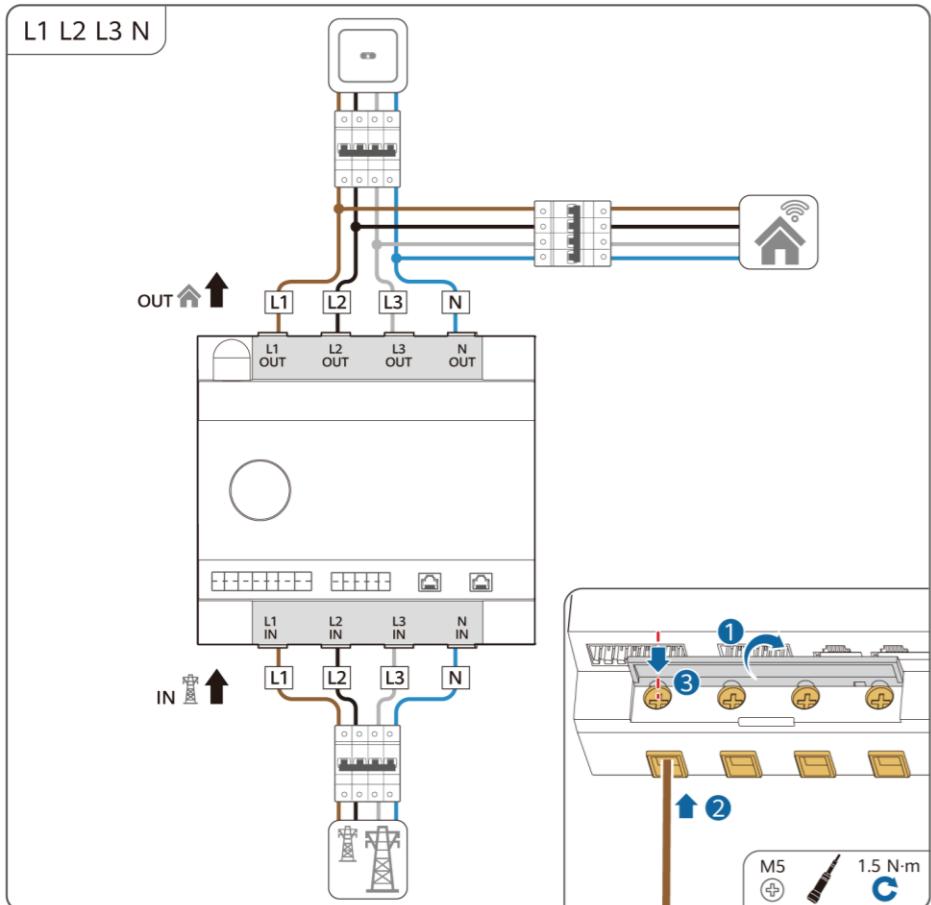
## 5

EN Connecting AC Power Cables

ZH 连接交流电源线

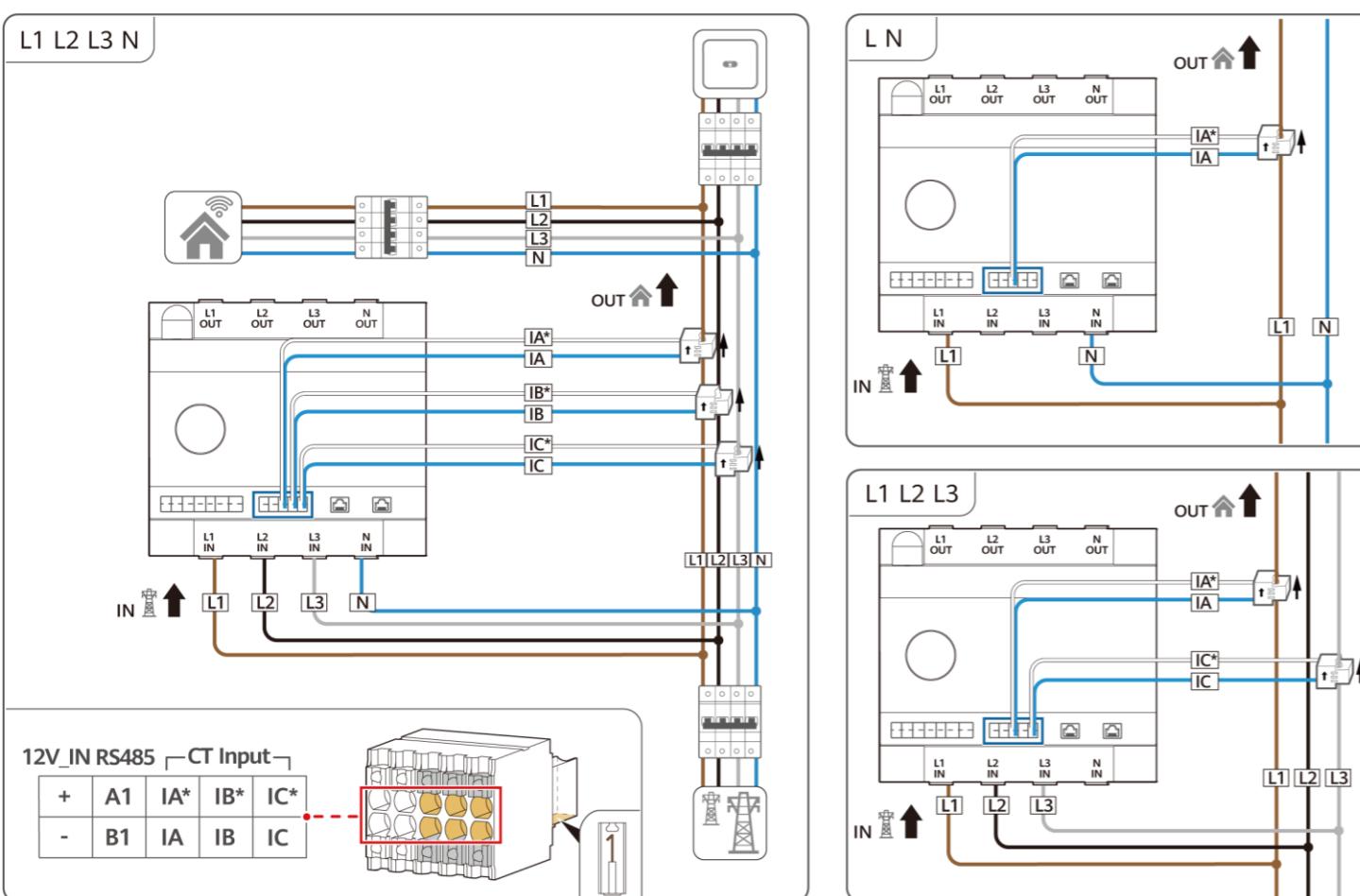
EN Internal CT connection (current ≤ 63 A)

ZH 内置CT接入 (电流≤63A)



EN External CT connection (current &gt; 63 A)

ZH 外置CT接入 (电流&gt;63A)

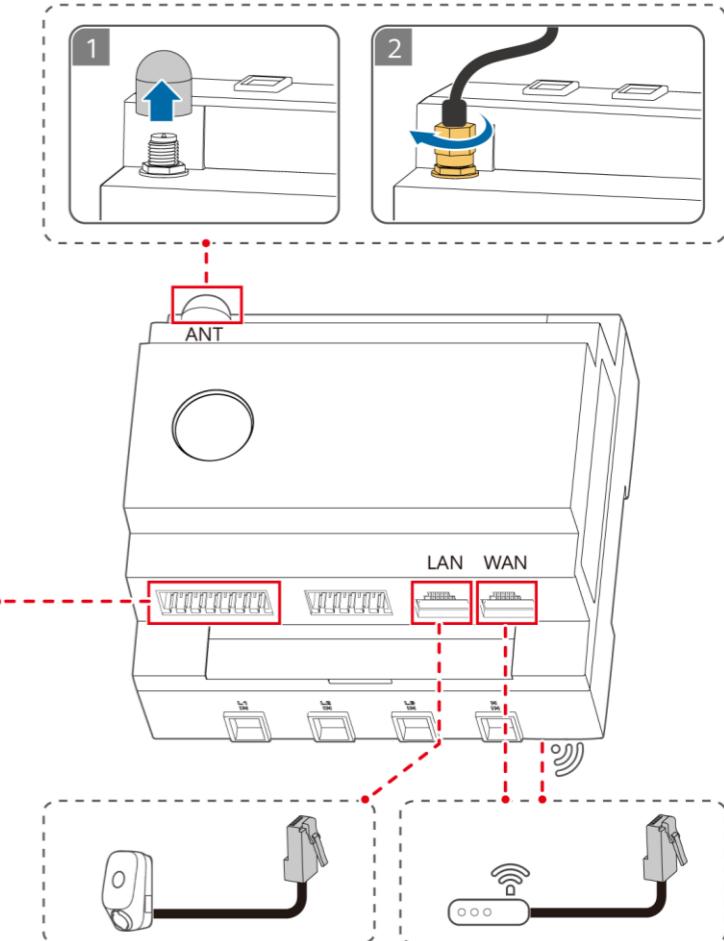
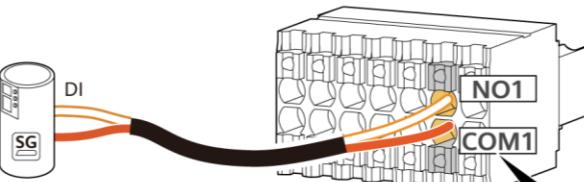
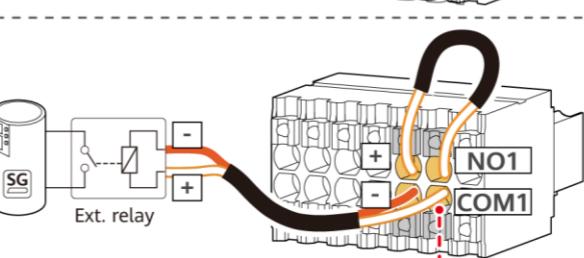
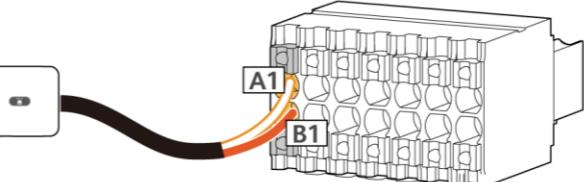
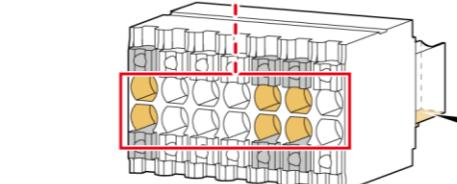


## 6

EN Connecting Signal Cables

ZH 连接信号线

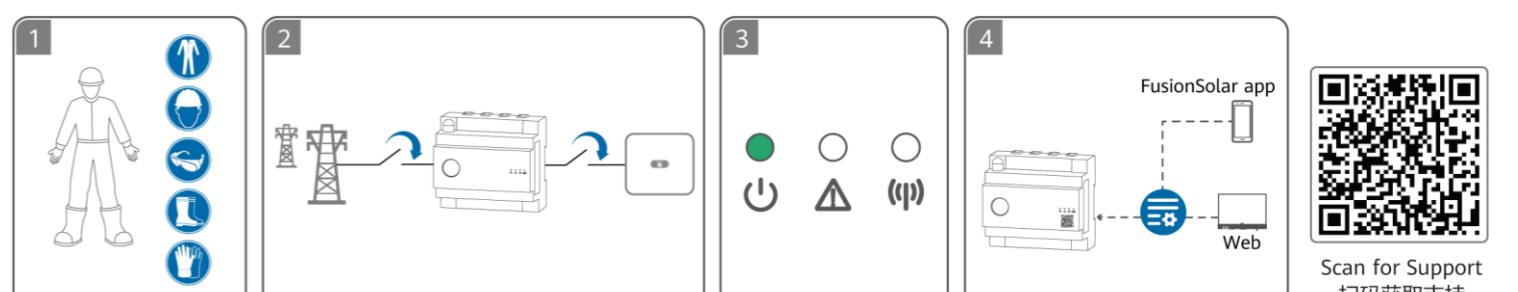
RS485	DI	12V_OUT	DO		
A1 B1	A2 B2	DI1+ DI1-	DI2+ DI2-	+ - NO1 COM1	NO2 COM2



## 7

EN Power-On and Commissioning

ZH 上电调测



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