

Quick Installation Guide (Stackable AIO)

V 1.0.3
10-203-00680-03-X

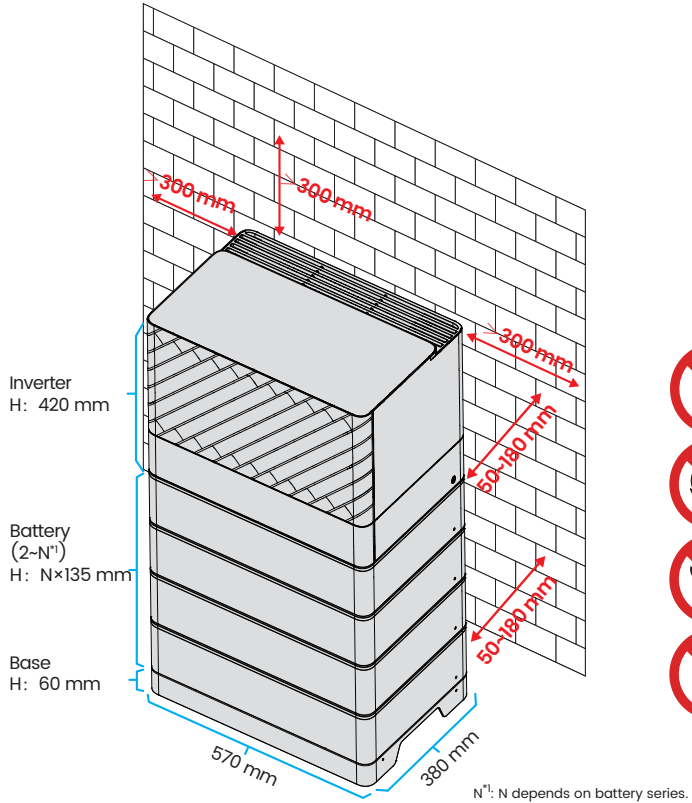
Content

- 1. Packing List
- 2. Installation Procedure
- 3. System Diagram
- 4. Grounding Connection
- 5. PV Connection
- 6. AC Connection
- 7. BACKUP Connection
- 8. RJ45 Connection
- 9. COM Connection
- 10. System Commissioning

Inverter	Battery Series	Battery No.
Inverter	EQ4800-S	2~9
	EQ5500-S	
	EQ5500-S (w)	
	TQ5000-S-P (w)	2~6
	EQ5000-S	
	EQ5000-S (w)	
	TQ4800-S	2~9
	TQ5500-S	
	TQ5000-S	
	TQ5000-S (w)	2~6

Note: For battery series selection, please consult local sales representative.

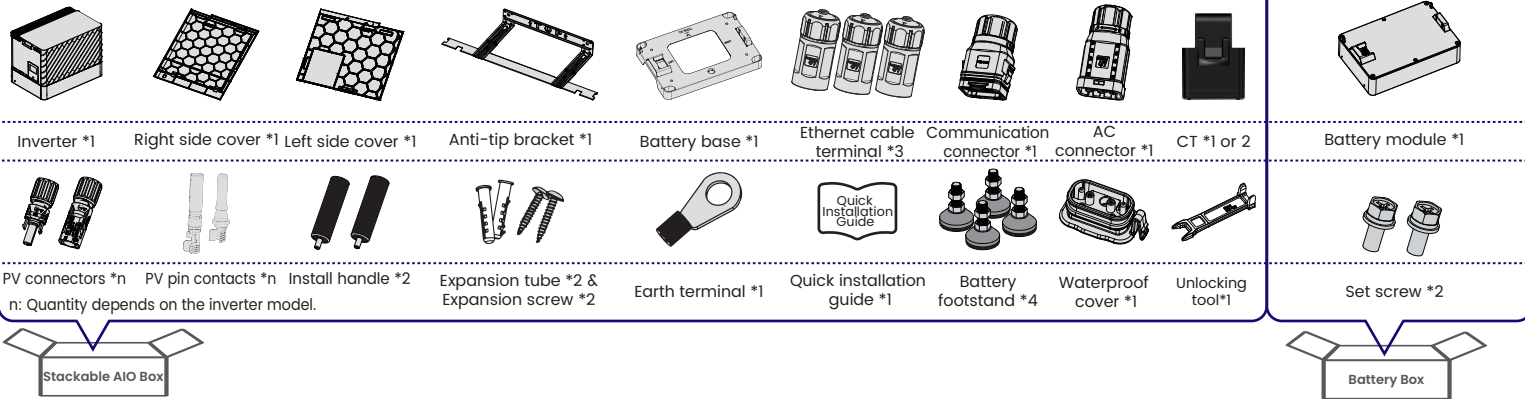
Inverter & Battery Series Matching Table



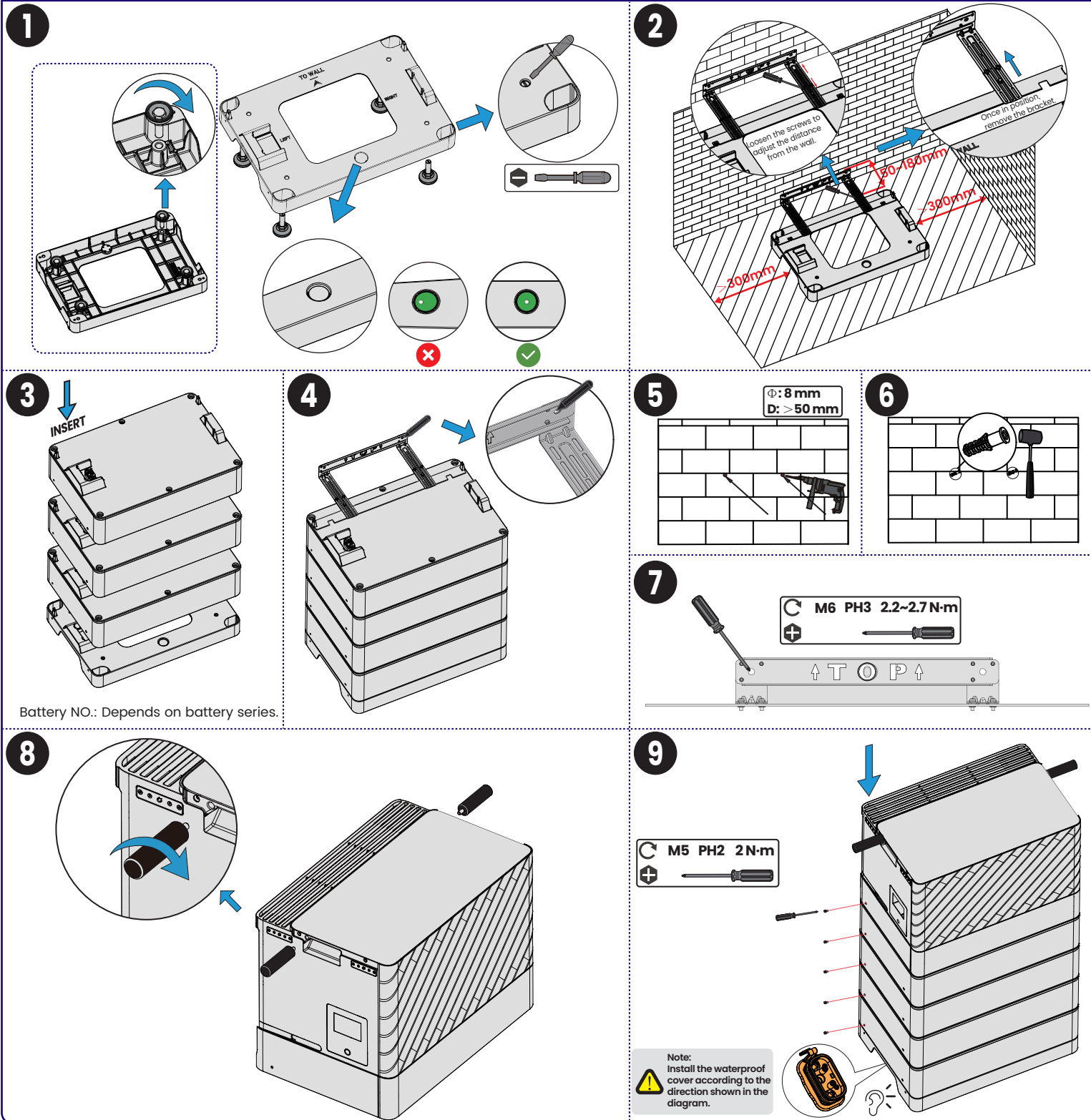
Note:

- All installation procedures must fully comply with all applicable regional and industry standards, covering cable selection, wiring, protective devices, and overall installation practices.

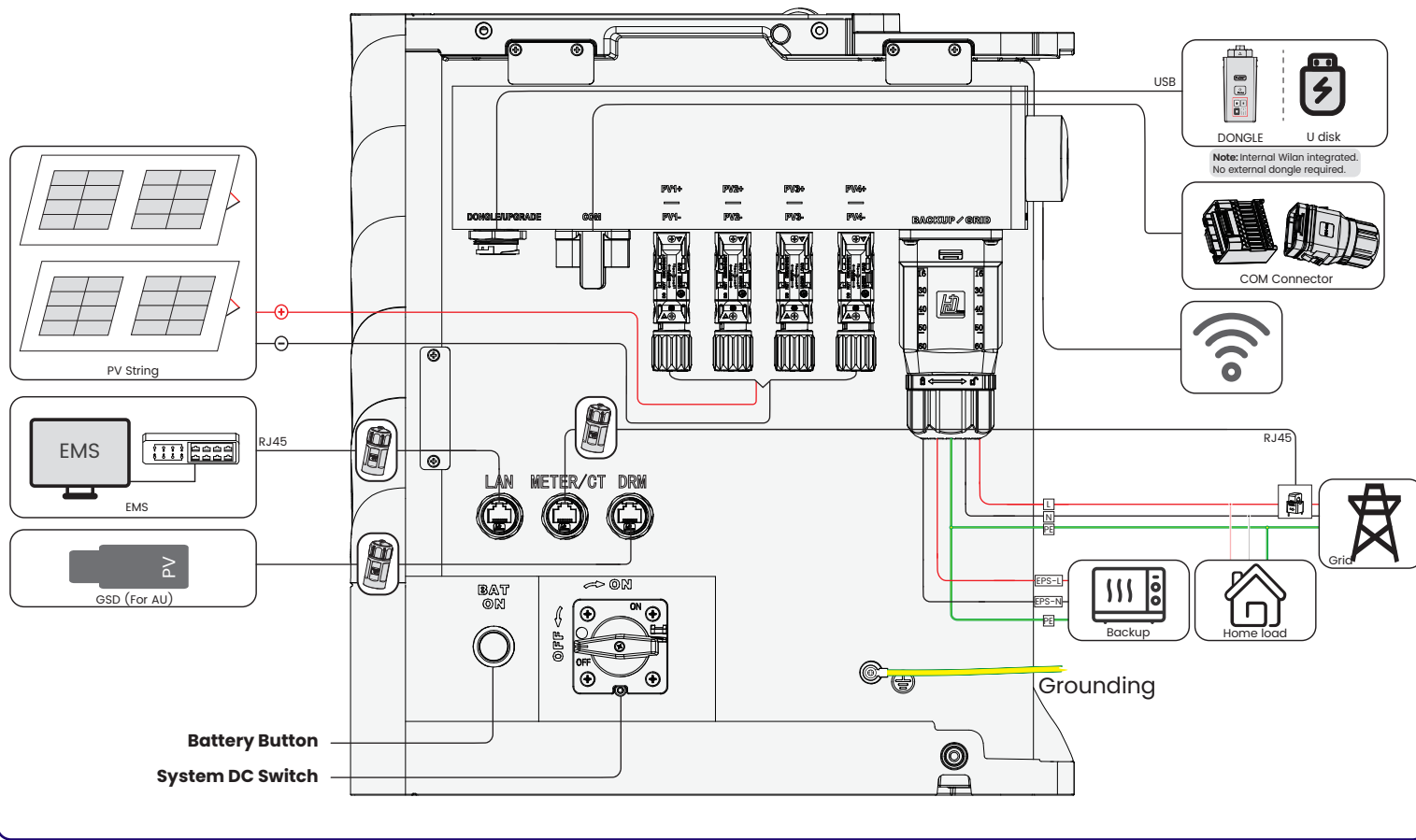
1. Packing List



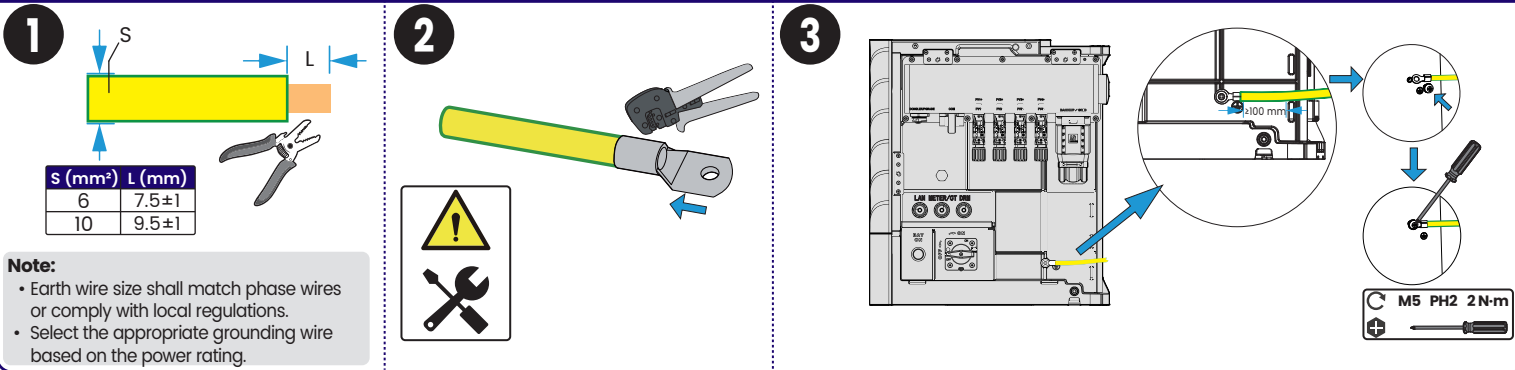
2. Installation Procedure



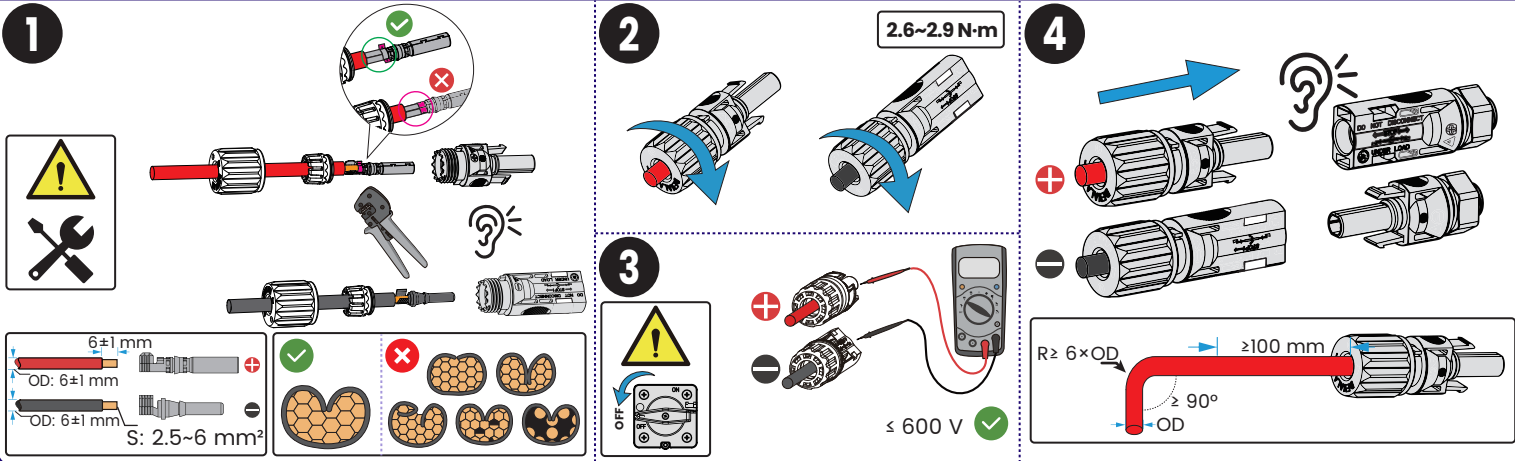
3. System Diagram



4. Grounding Connection



5. PV Connection



6. AC Connection

60±2 mm
16±1 mm
R₂ 6×OD
≥100 mm
≥90°
OD

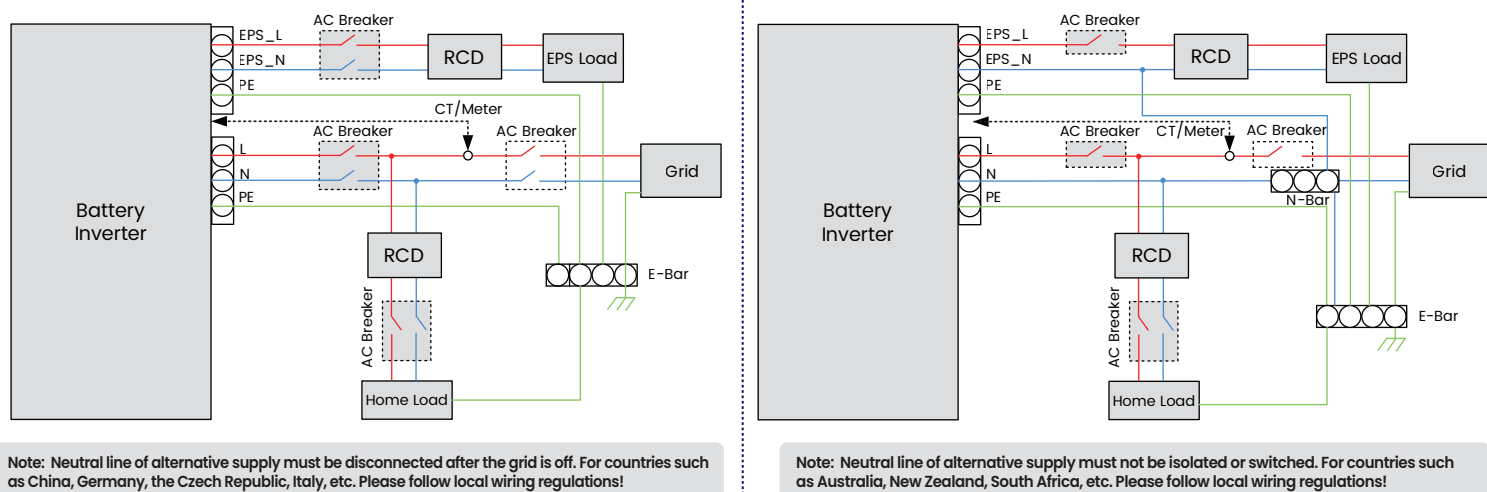
Power (kW)	S (mm ²)	Micro-Breaker (A)
3.7	4.0	32
4.6	4.0	32
5.0	6.0	40
6.0	6.0-10.0	50
7.0-12.0	10.0	63

① ② ③ ④ ⑤

M5 2N-m

Note: Stackable AIO has internal bypass 63A passthrough ability to support whole home backup solution. If the customer don't want to do any breaker upgrade, you can set the maximum input current through the app.

7. BACKUP Connection



8. RJ45 Connection

① ② ③ ④

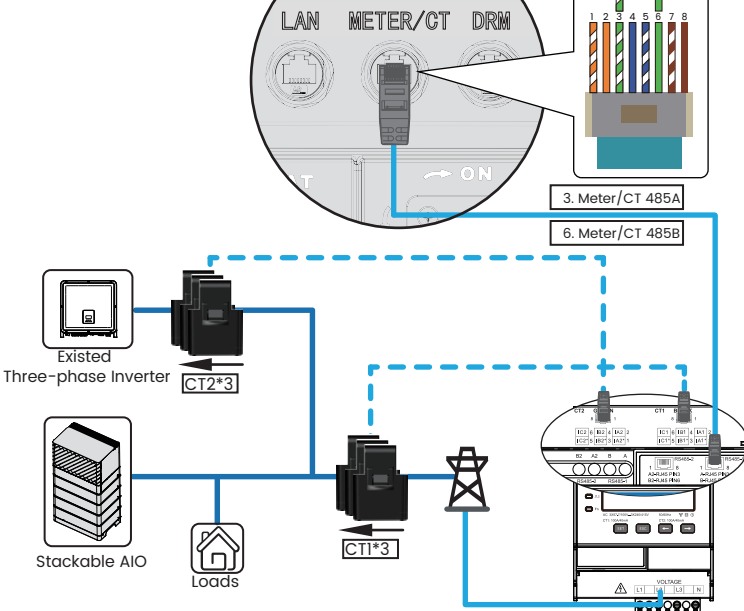
OD: 5.5-6.5 mm

LAN METER/CT DRM

Note: "METER/CT" port is recommended.

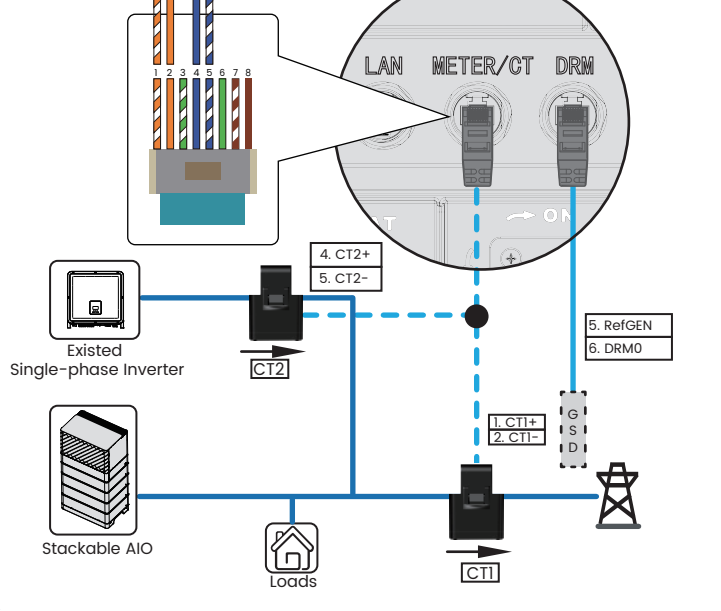
Type I

Meter with 6 CT

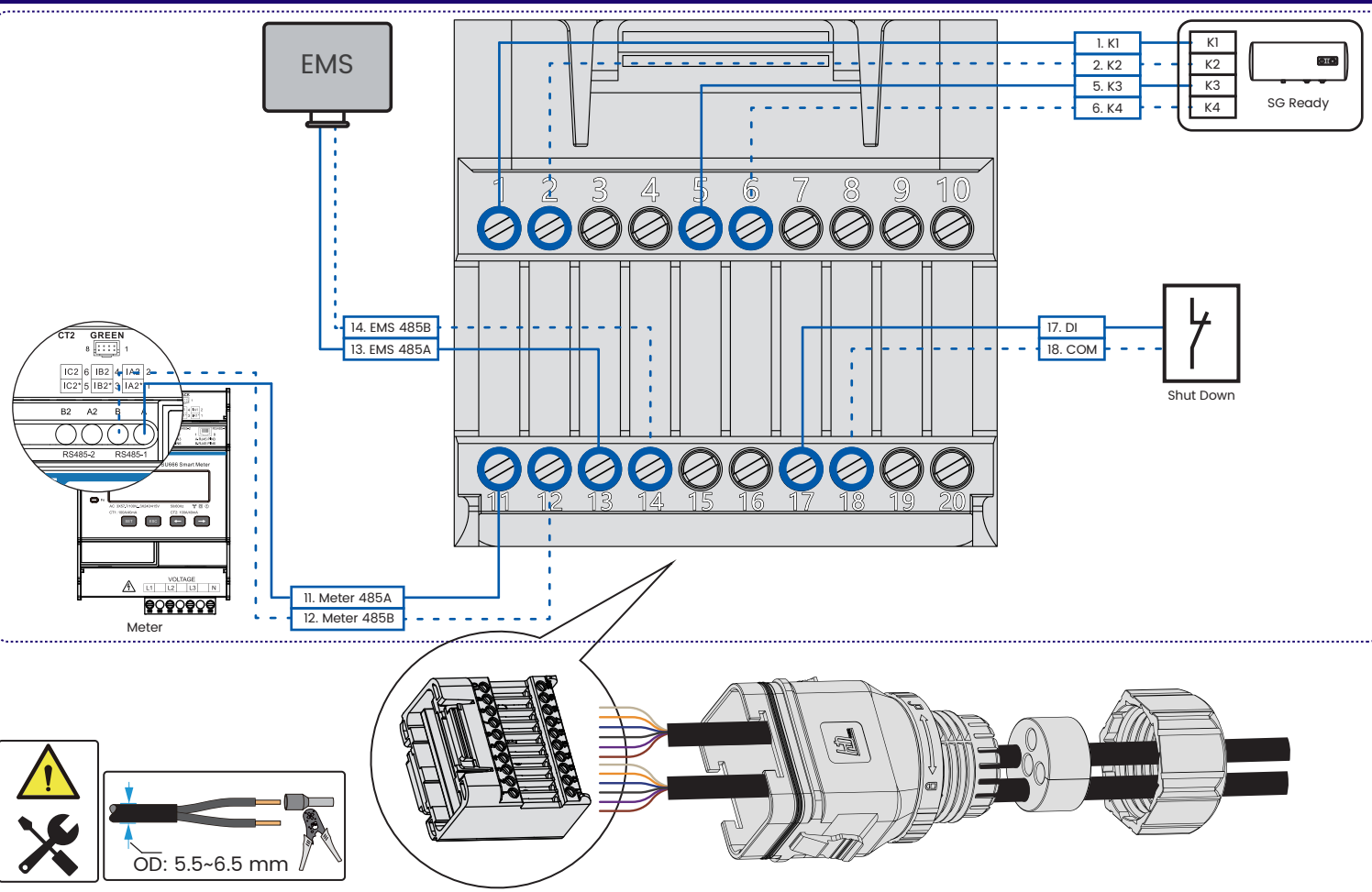


Type II

2 CT



9. COM Connection



10. System Commissioning

System Start Up:

- System DC Switch ON
- Grid Switch ON
- Home load Switch ON
- PV Switch ON
- Press & hold Battery button 3S

Covers Installation

System Shutdown:

- Press & hold Battery button 5S
- PV Switch OFF
- Home load Switch OFF
- Grid Switch OFF
- System DC Switch OFF

Note: After completing wire connections and system Commissioning, please install the covers on both sides.

QR Code → Mobile APP

QR Code → Web Management System

Please scan the QR Code and follow the steps below to download our latest multi-language User Manual/Quick Installation Guide:
Scan the QR Code → Select your Language → Choose to download User Manual or Quick Installation Guide → Download