

Quick Installation Guide

(Stackable AIO)

V 1.0.0
10-203-00695-00-X

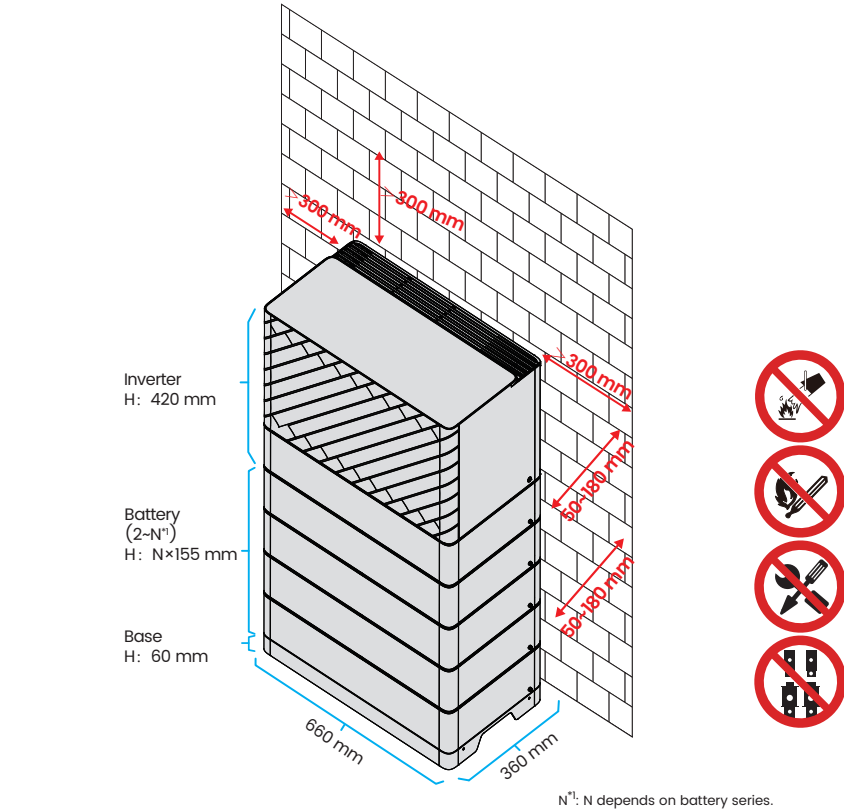
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Inverter	Battery Series	Battery No.
Inverter	CQ7-S	1-7
	CQ7-S (w)	
	CQ7-S-80	
	CQ7-S-80 (w)	
	CQ6.6-S	

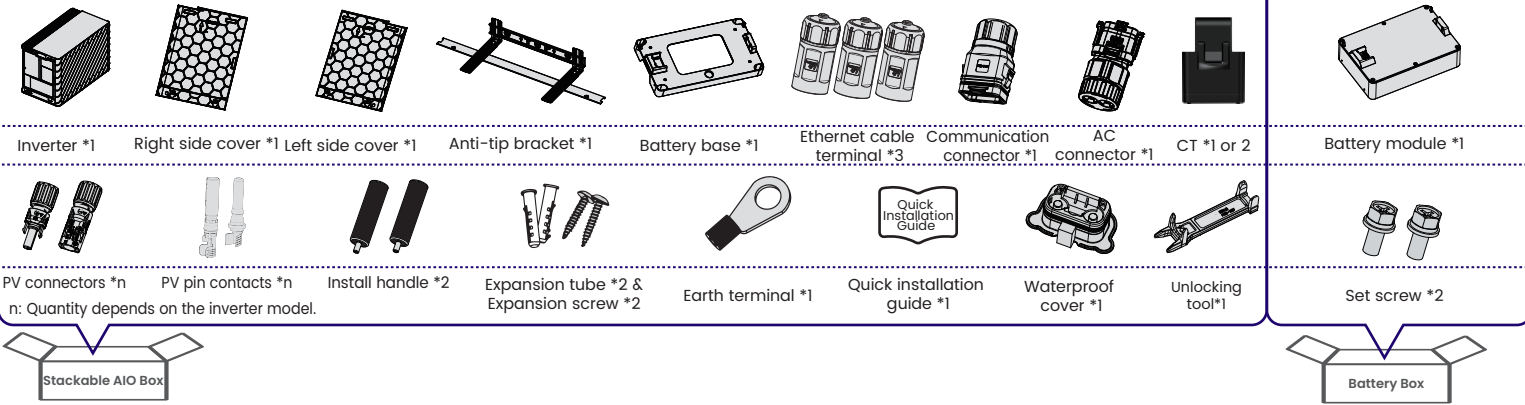
Note: For battery series selection, please consult local sales representative.

Inverter & Battery Series Matching Table

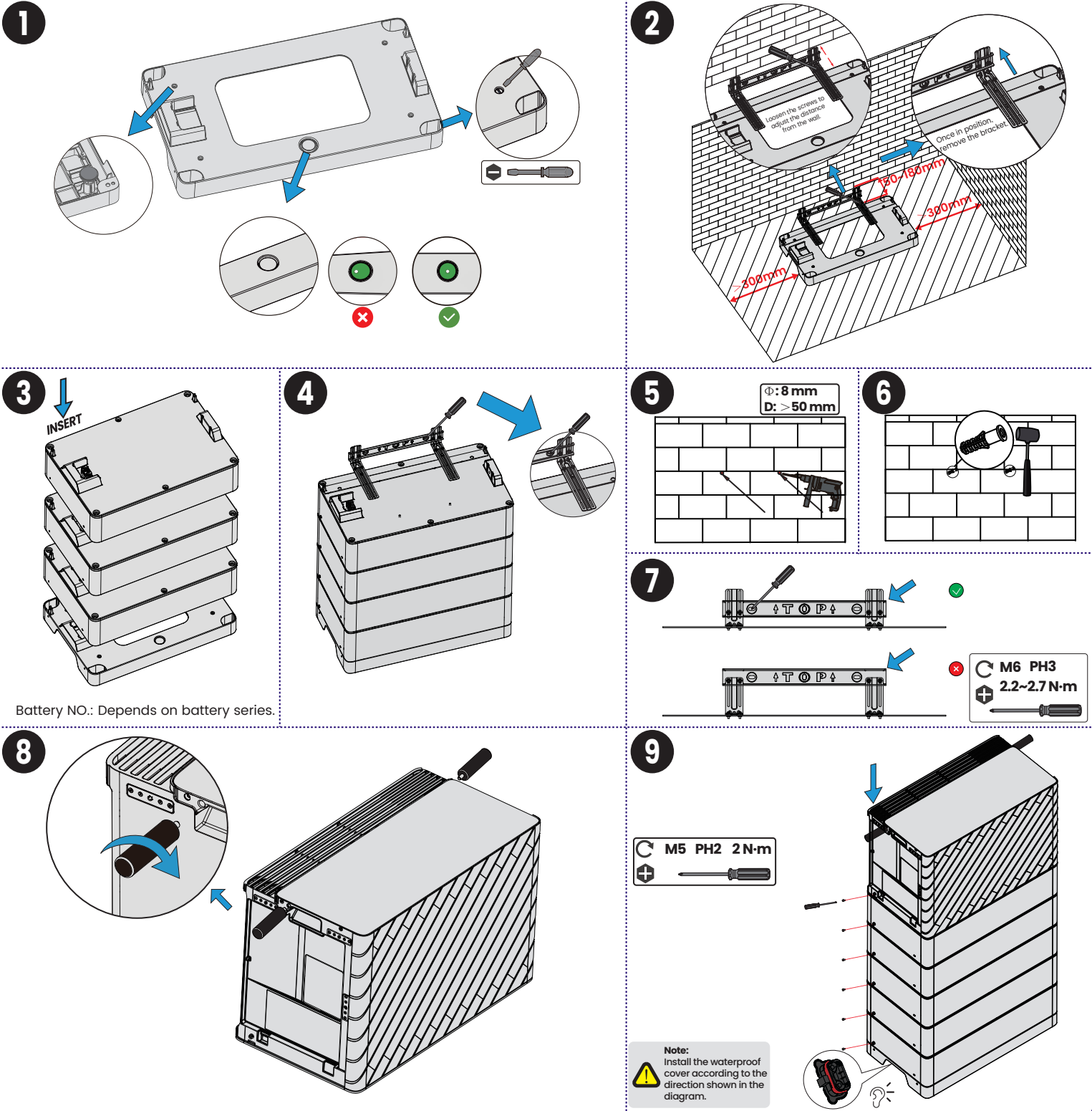


Note:
• All installation procedures must fully comply with all applicable regional and industry standards, covering cable selection, wiring, protective devices, and overall installation practices.

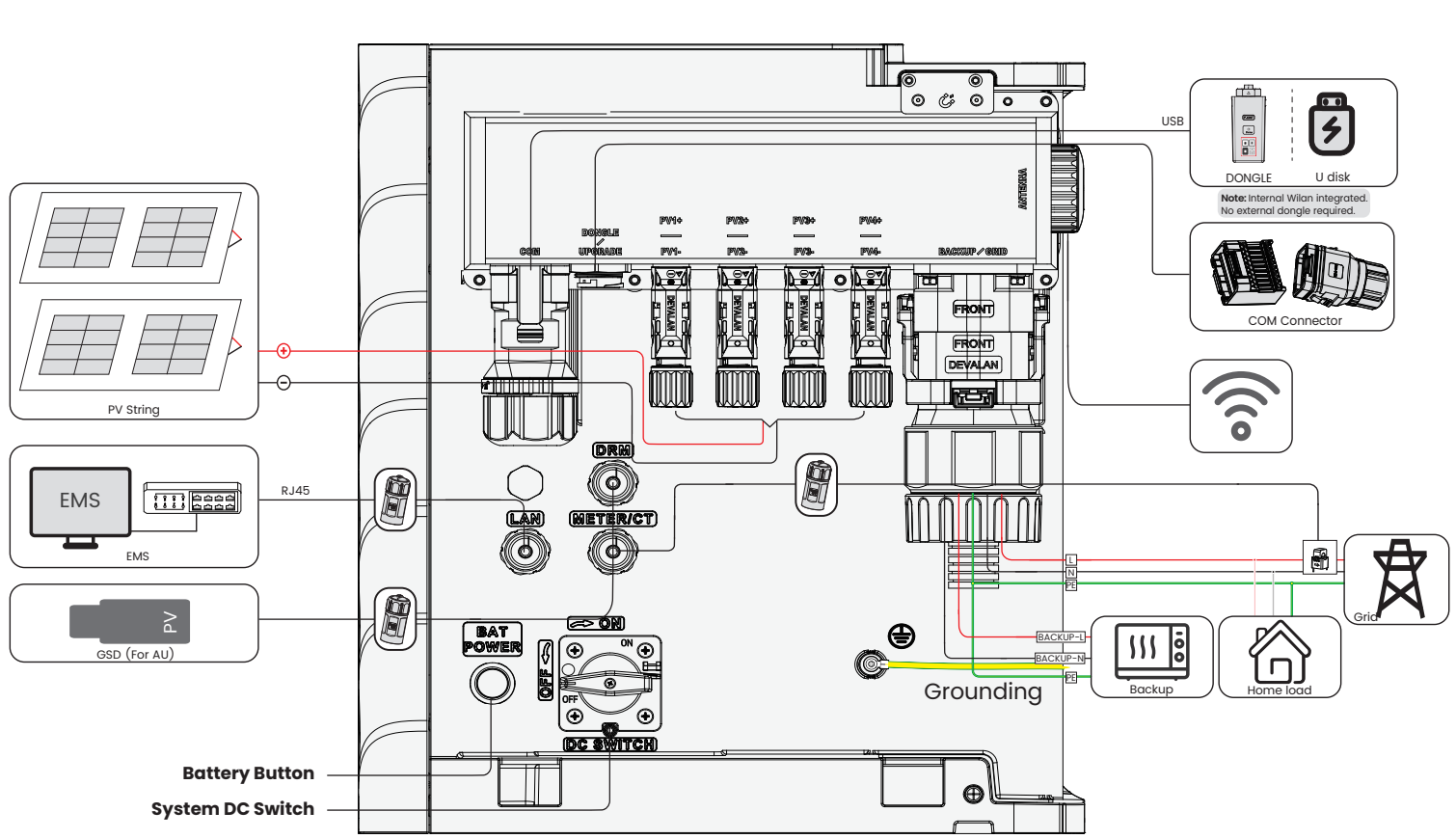
1. Packing List



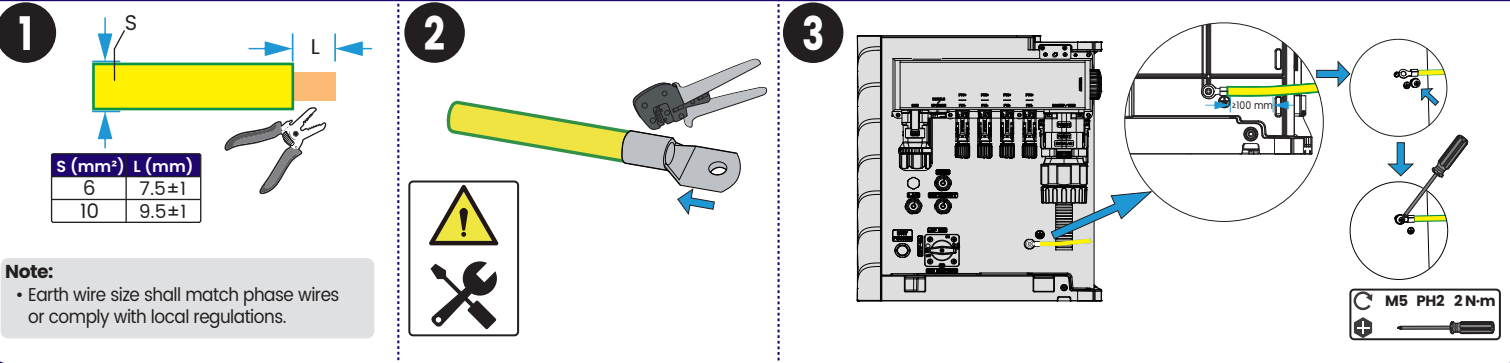
2. Installation Procedure



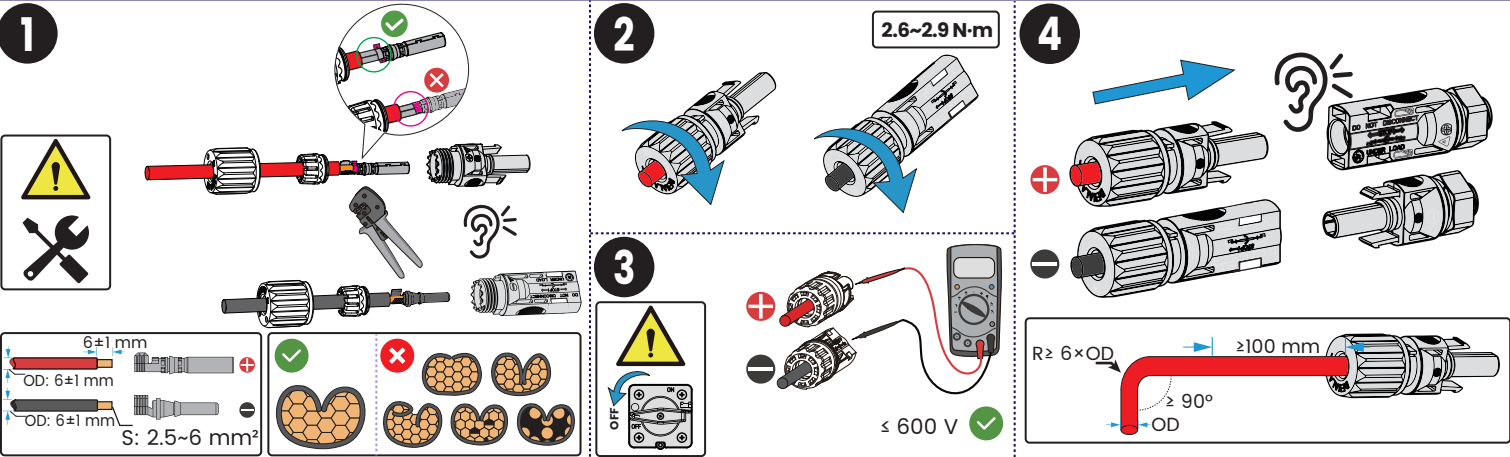
3. System Diagram



4. Grounding Connection



5. PV Connection



6. AC Connection

Power (kW)	S (mm²)	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

Sealing color: 9.8-13.1 (Yellow), 14-16.1 (Red), 18-20.7 (Blue), 21.7-23.3 (Black).

OD (mm): 9.8-13.1, 14-16.1, 18-20.7, 21.7-23.3

4. Connect the cable to the terminal block.

5. Tighten the terminal block.

1. Connect the cable to the terminal block.

2. Connect the cable to the terminal block.

3. Connect the cable to the terminal block.

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

7. BACKUP Connection

Note: Neutral line of alternative supply must be disconnected after the grid is off. For countries such as China, Germany, the Czech Republic, Italy, etc. Please follow local wiring regulations!

Note: Neutral line of alternative supply must not be isolated or switched. For countries such as Australia, New Zealand, South Africa, etc. Please follow local wiring regulations!

8. RJ45 Connection

1. Insert the RJ45 connector into the terminal block.

2. Tighten the terminal block.

3. Connect the cable to the terminal block.

4. Tighten the terminal block.

OD: 5.5-6.5 mm

9. COM Connection

1. K1, 2. K2, 3. K3, 4. K4

5. K1, 6. K2, 7. K3, 8. K4

9. K1, 10. K2, 11. K3, 12. K4

13. EMS 485A, 14. EMS 485B

15. Meter 485A, 16. Meter 485B

17. DI, 18. COM

Shut Down

OD: 5.5-6.5 mm

10. System Commissioning

System Start Up:

1. System DC Switch ON
2. Grid Switch ON
3. Home load Switch ON
4. PV Switch ON
5. Press & hold Battery button 3s

Covers Installation

Note: All cables must be neatly bundled and routed properly.

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

System Shutdown:

1. Press & hold Battery button 5s
2. PV Switch OFF
3. Home load Switch OFF
4. Grid Switch OFF
5. System DC Switch OFF

Mobile APP

Web Management System

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