

Quick Installation Guide

(Power Cube)

V 1.0.1
10-203-00841-01-X

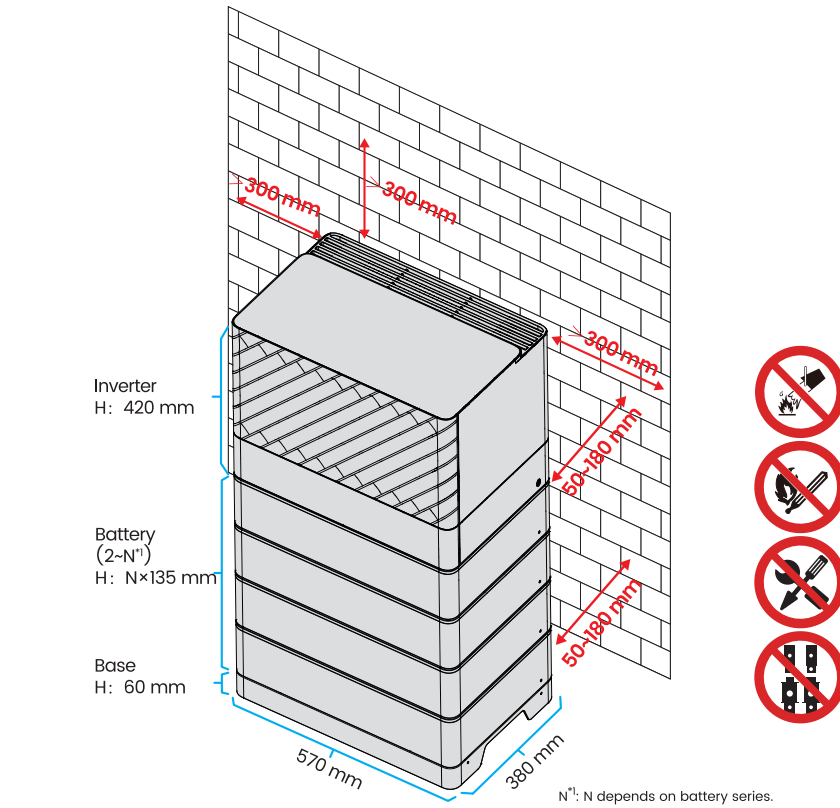
Content

- 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	2~6
	TQ5000-S (w)	

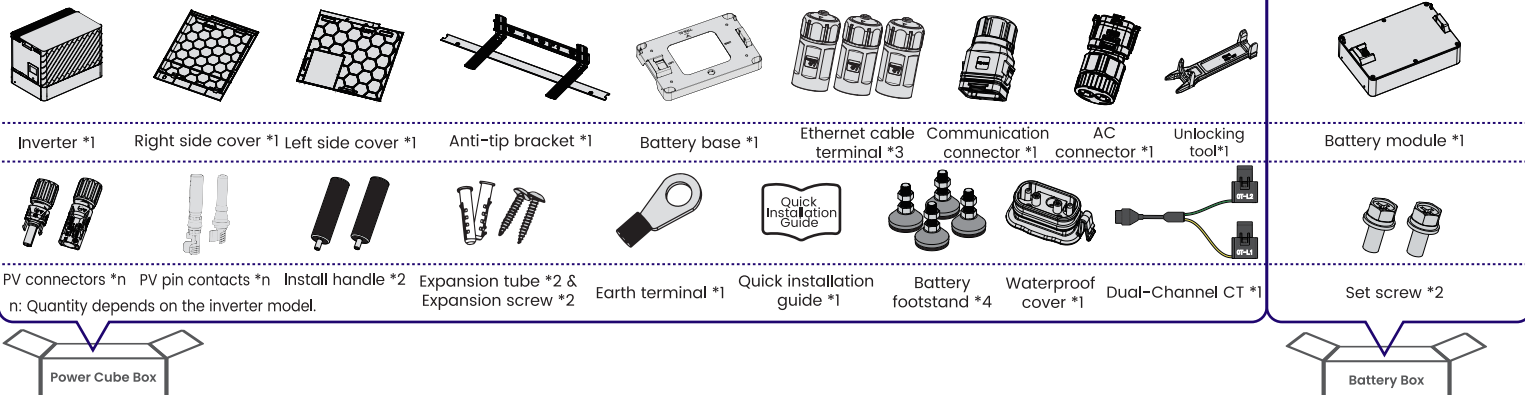
Note: For battery series selection, please consult local sales representative.

Inverter & Battery Series Matching Table

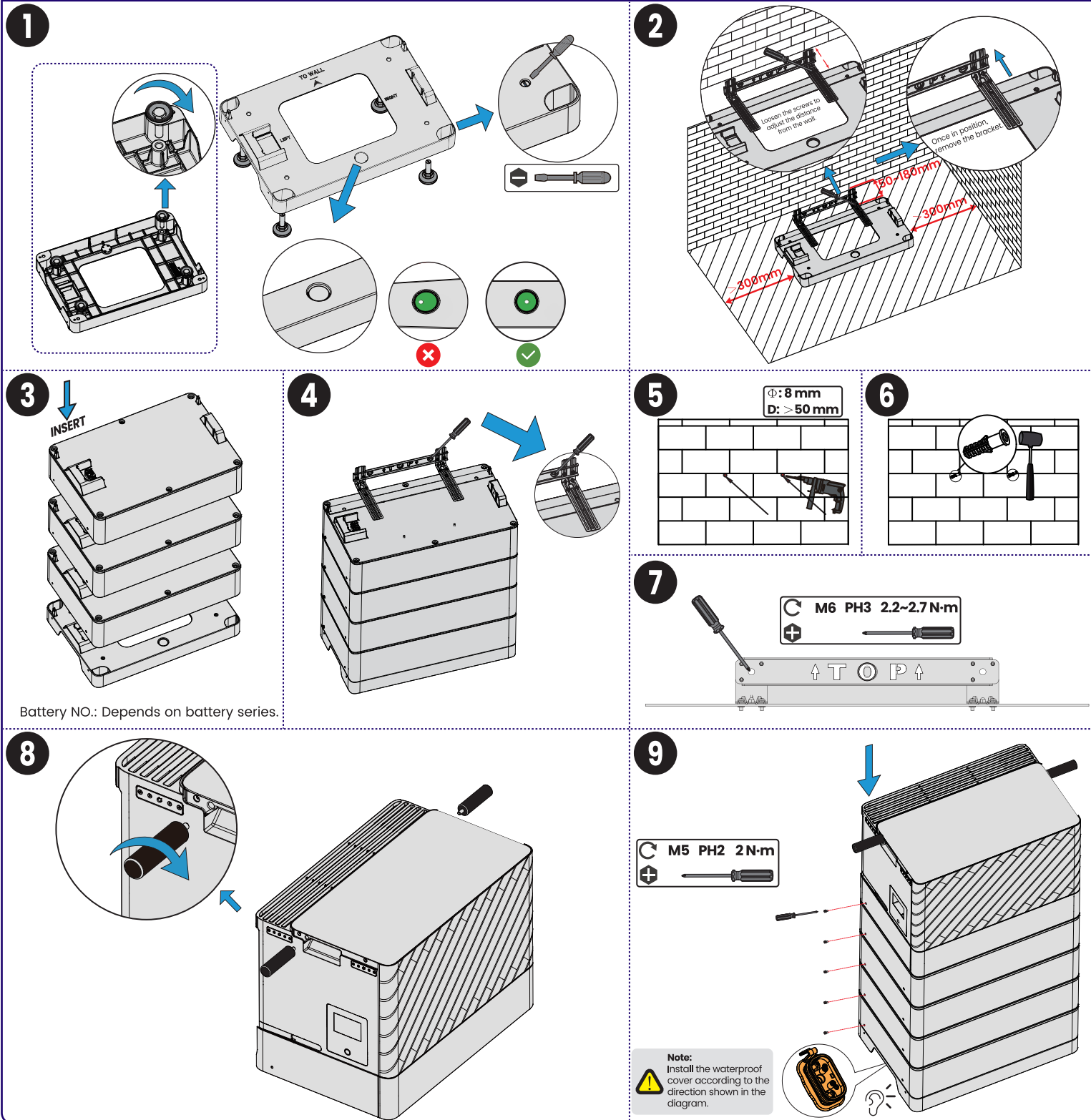


Note:
• All installation procedures must fully comply with all applicable regional and industry standards, covering cable selection, wiring, protective devices, and overall installation practices.

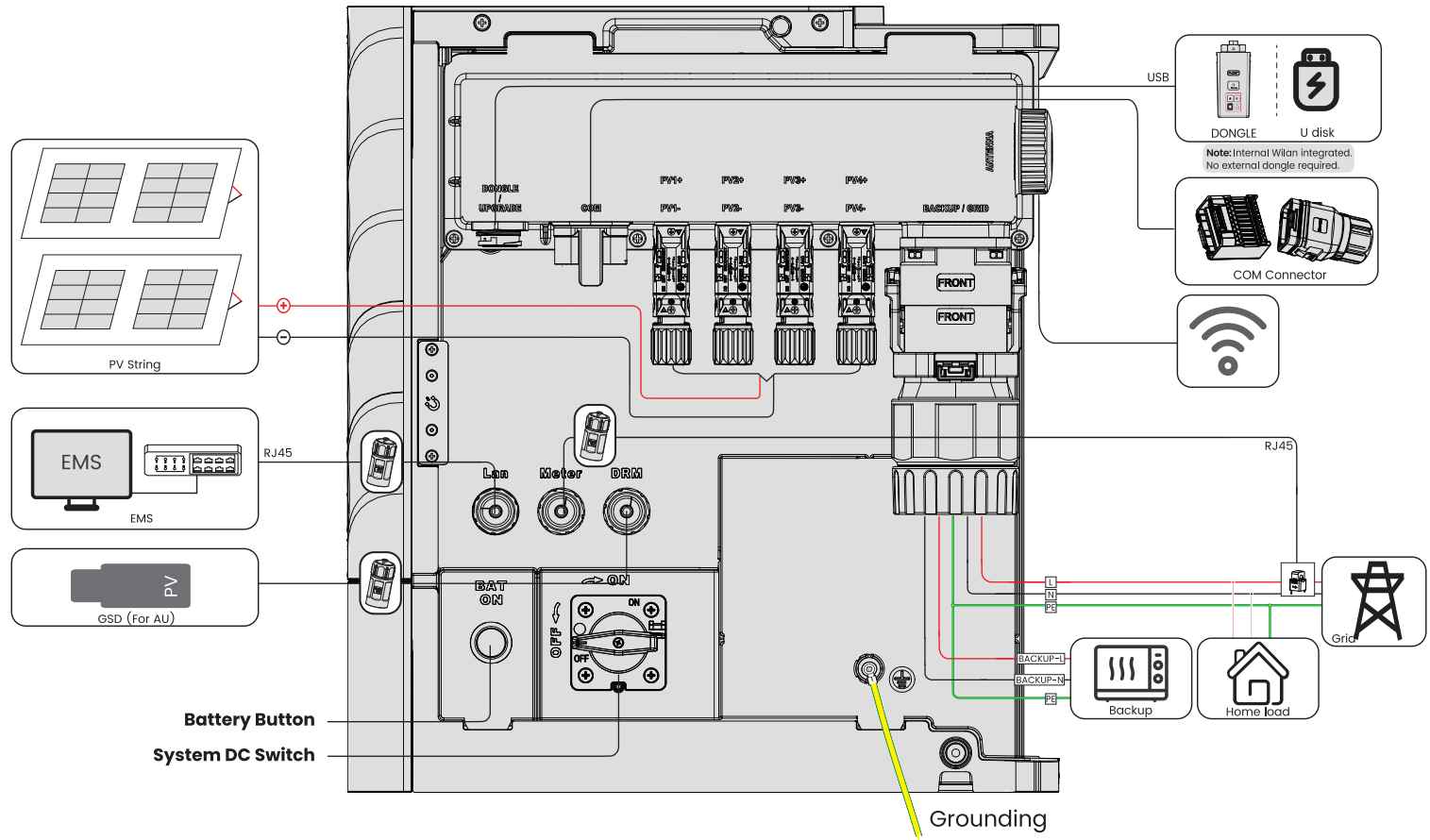
1. Packing List



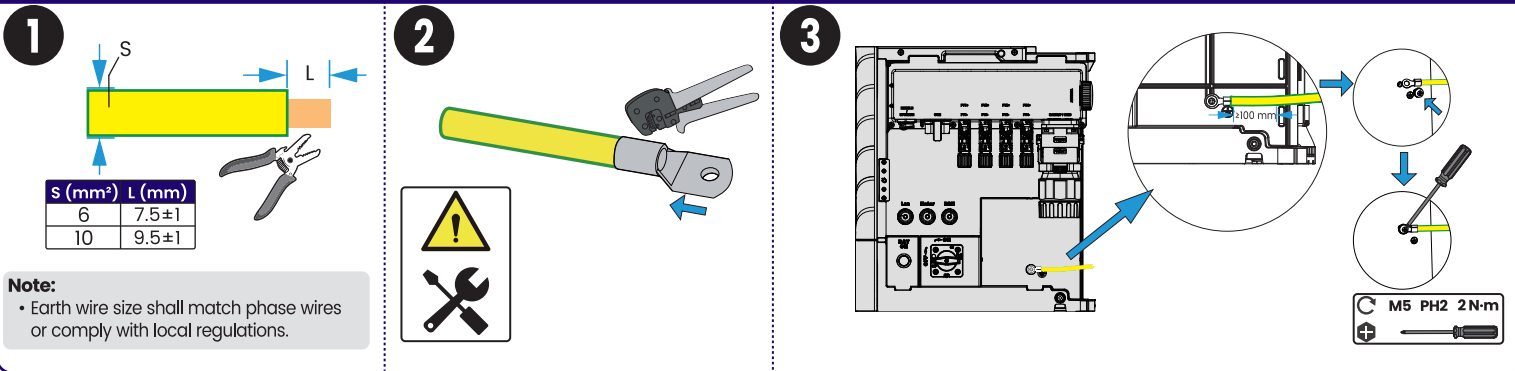
2. Installation Procedure



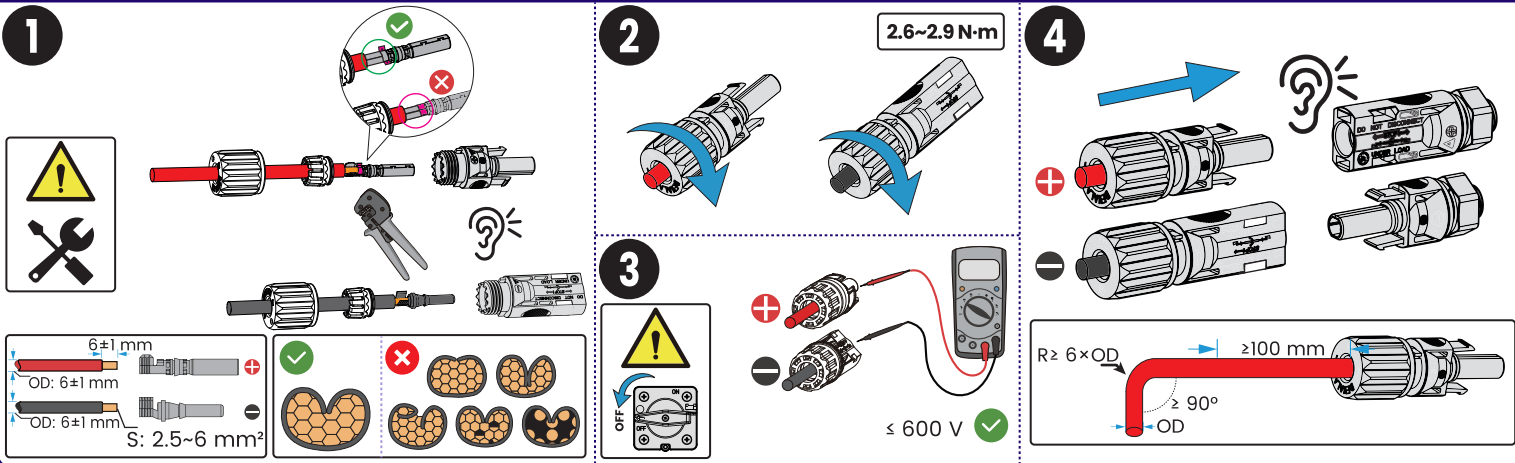
3. System Diagram



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)

4. Plug the cable into the connector.

5. Tighten the connector.

Note: Power Cube 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!

8. RJ45 Connection

1. Insert the RJ45 plug into the connector.

2. Tighten the connector.

3. Plug the cable into the connector.

4. Tighten the connector.

OD: 5.5-6.5 mm

9. COM Connection

11. Meter 485A
12. Meter 485B

14. EMS 485B
13. EMS 485A

17. ESTOP
18. COM

Shut Down

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: 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

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