

Quick Installation Guide

(Power Cube)

V 1.0.1
10-203-00695-01-X

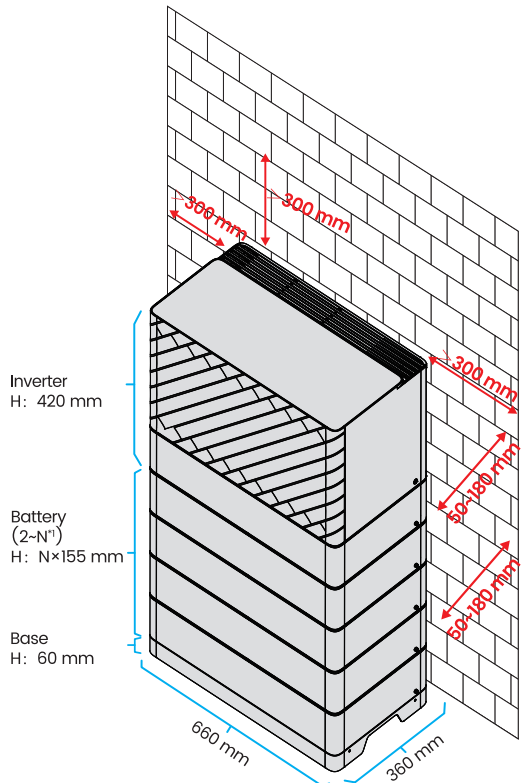
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Inverter	Battery Series	Battery No.
Inverter	CQ7-S	1-7
	CQ7-S (w)	
	CQ7-S-80	
	CQ7-S-80 (w)	
	CQ6.6-S (w)	

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

Inverter & Battery Series Matching Table

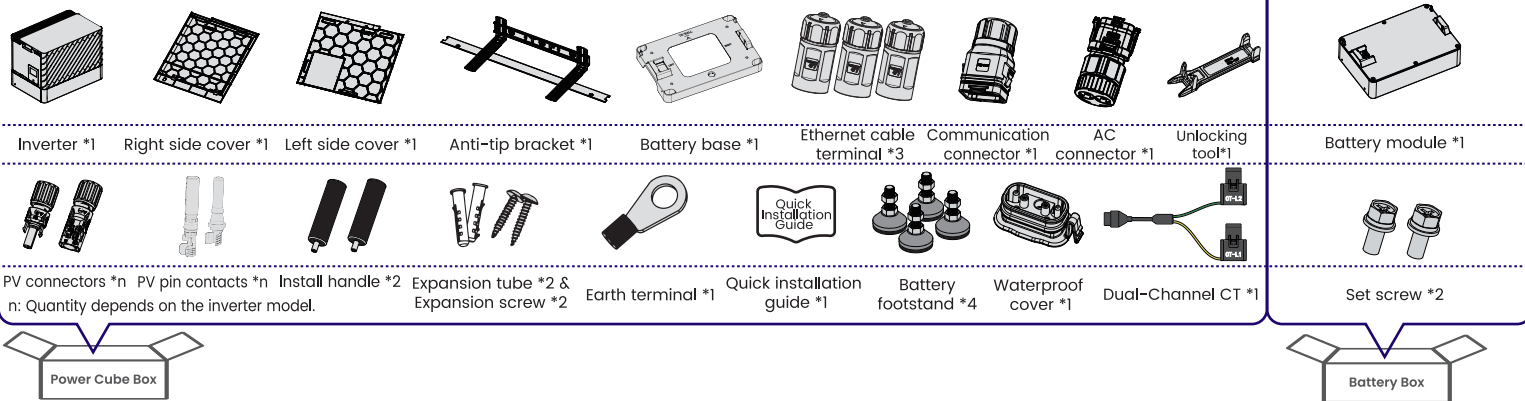
Content



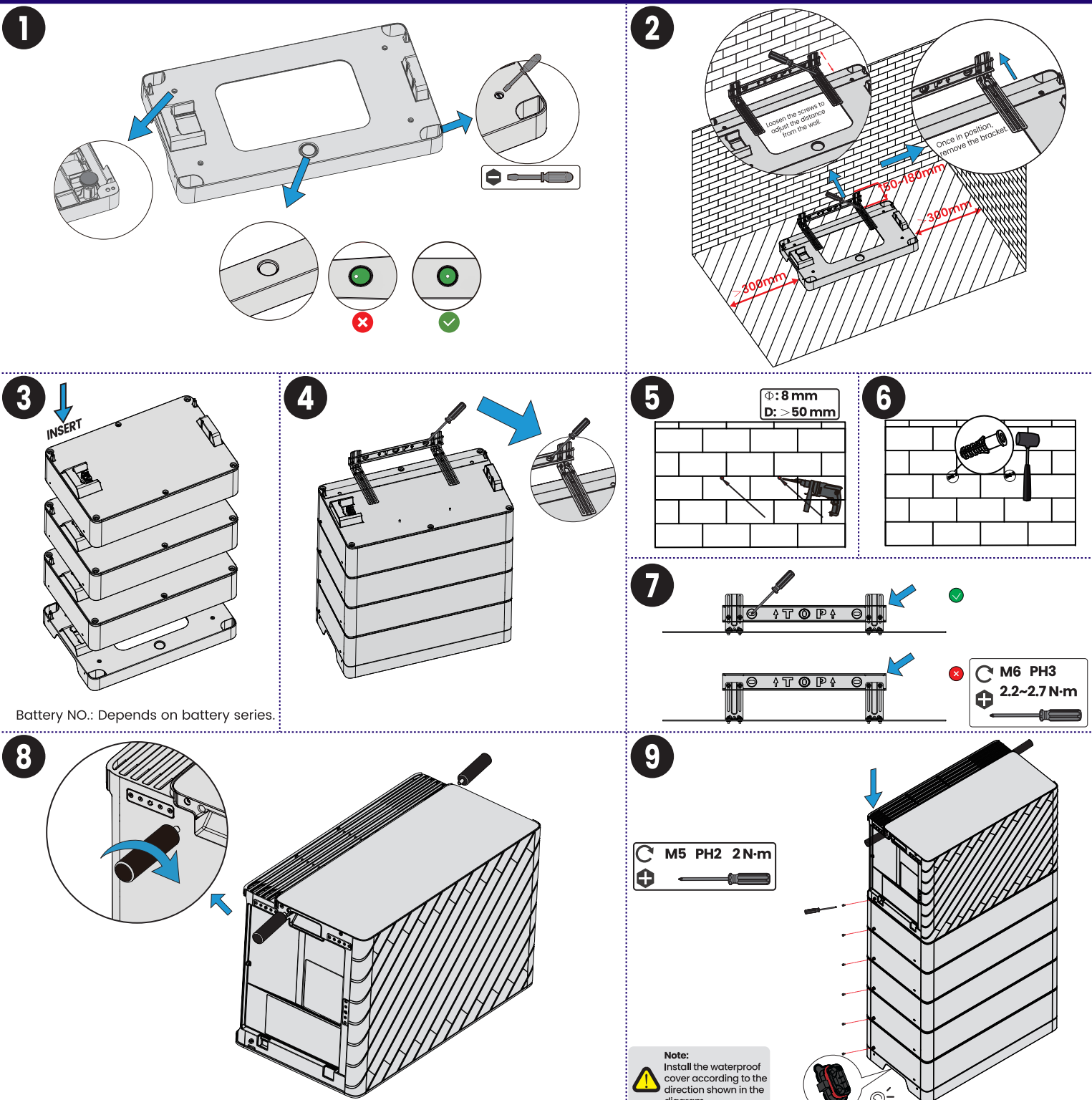
Note:

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

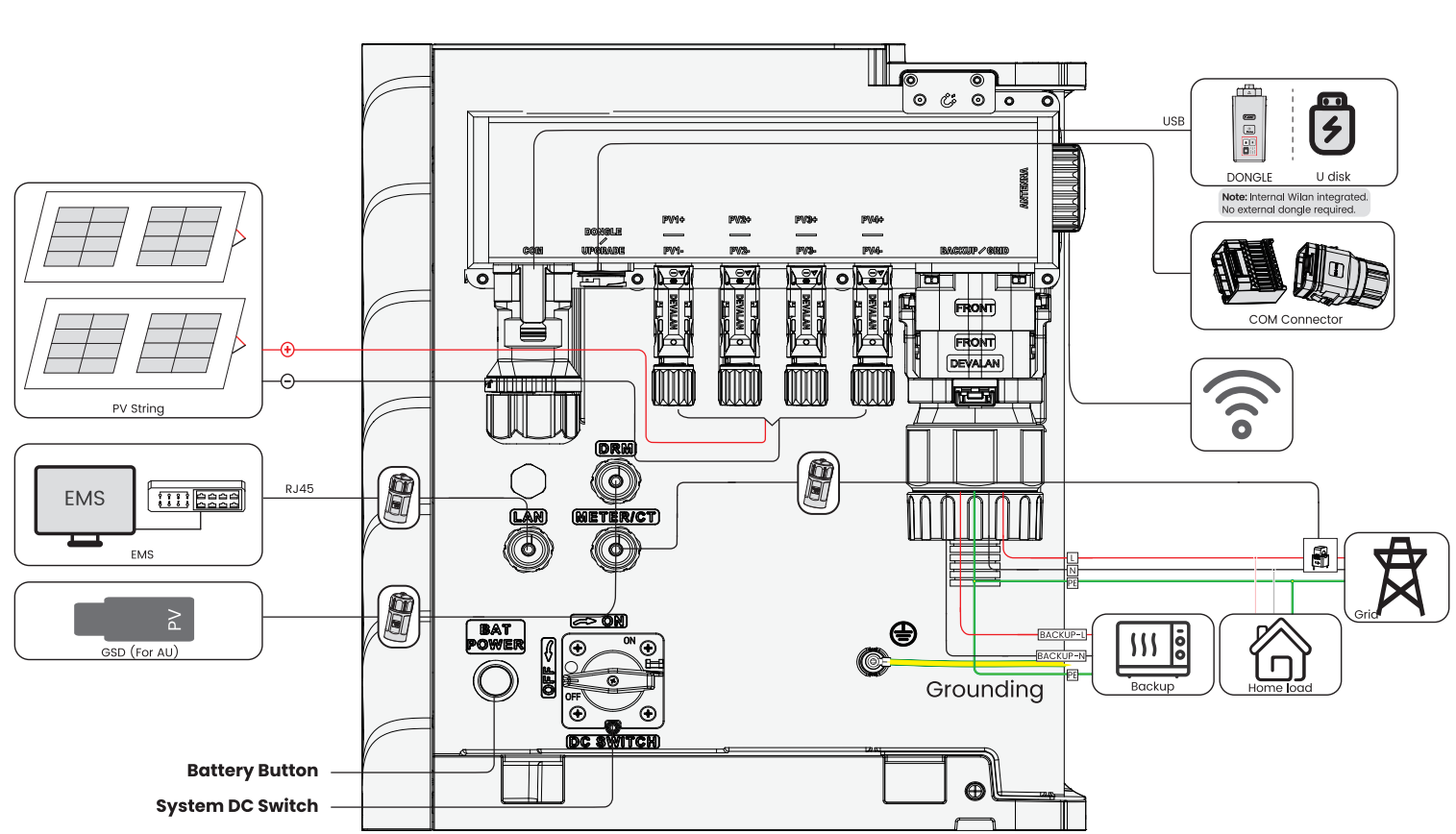
1. Packing List



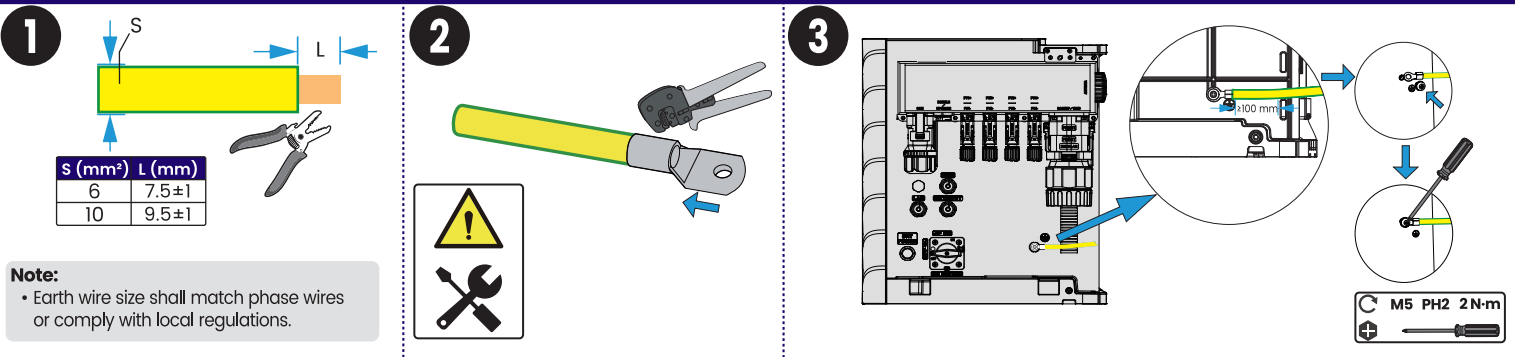
2. Installation Procedure



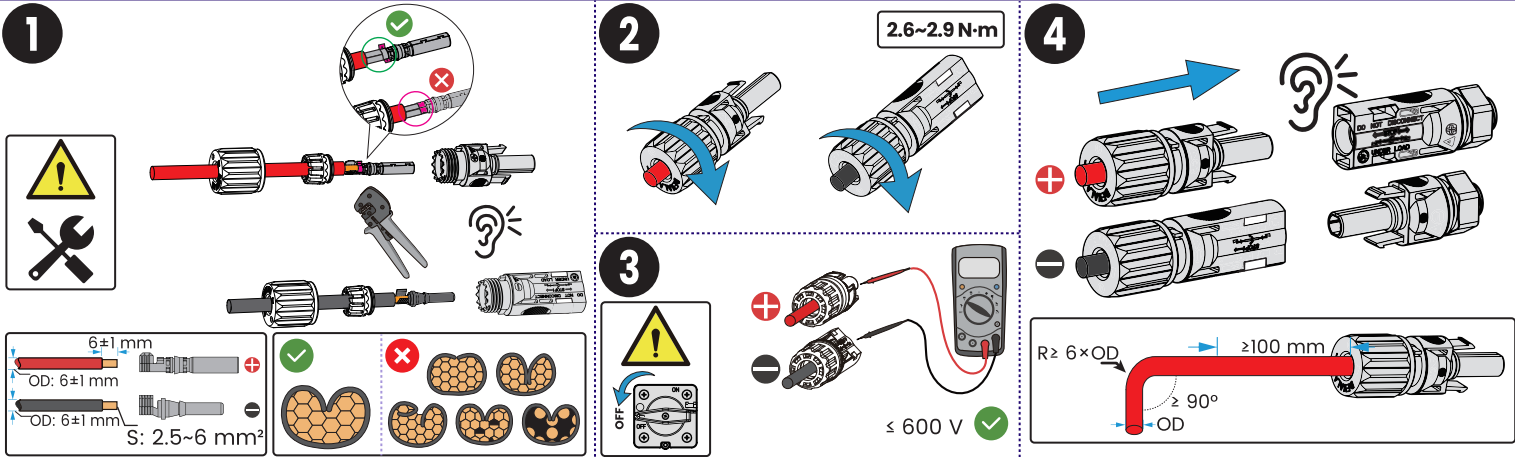
3. System Diagram



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

1. Insert the cable into the connector.

2. Tighten the connector.

3. Connect to the Grid or Backup terminal.

4. Connect to the main AC line.

5. Connect to the backup line.

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. Prepare the RJ45 cable.

2. Insert the cable into the RJ45 connector.

3. Tighten the connector.

4. Connect to the network.

OD: 5.5-6.5 mm

9. COM Connection

1. K1, 2. K2, 5. K3, 6. K4

11. Meter 485A, 12. Meter 485B

14. EMS 485B, 13. EMS 485A

17. ESTOP, 18. COM

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

Covers Installation:

System Shutdown:

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

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