Quick Installation Guide
(Power Cube)

V 1.0.1
10-203-00841-01-X

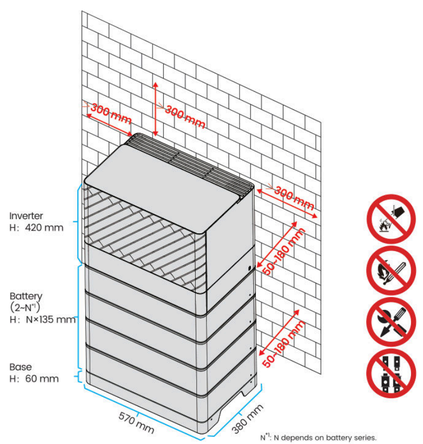
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Inverter	Battery Series	Battery No.
Inverter	EQ4800-S	2-9
	EQ5500-S	
	EQ5500-S (w)	
	TQ5000-S-P (w)	
	EQ5000-S	2-6
	EQ5000-S (w)	
	TQ4800-S	2-9
	TQ5500-S	
	TQ5000-S	2-6
	TQ5000-S (w)	

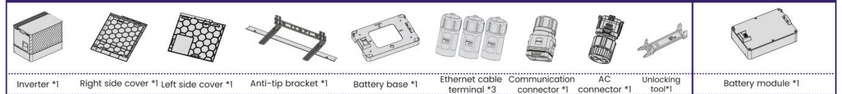
Note: For battery series selection, please consult local sales representative.

Inverter & Battery Series Matching Table

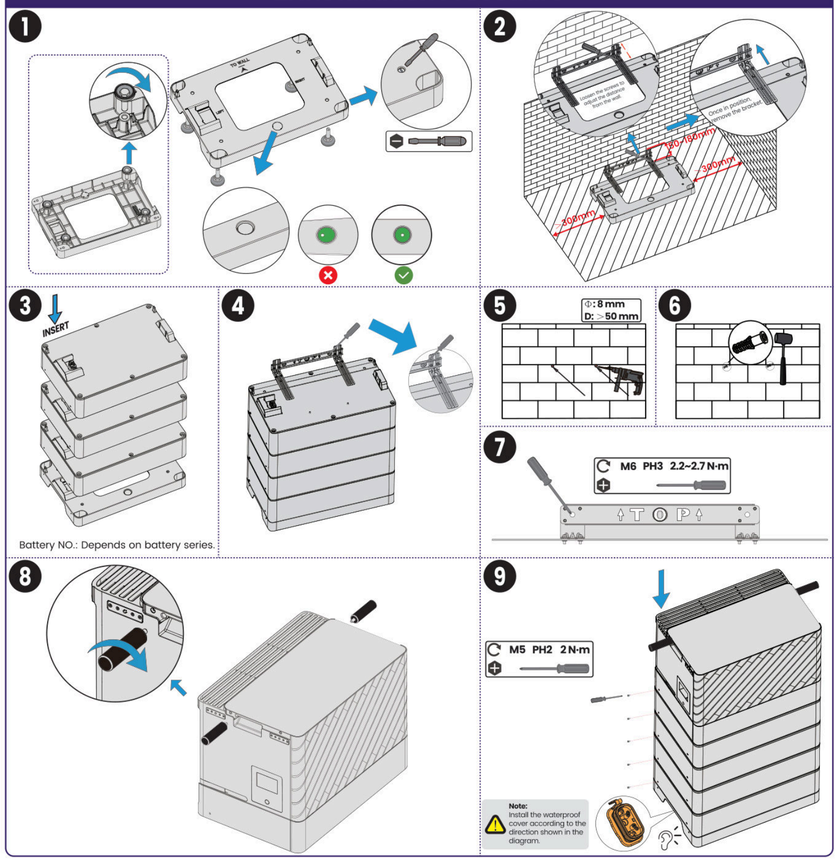


Note:
- All installation procedures must fully comply with all applicable regional and industry standards, covering cable selection, wiring, protective devices, and overall installation practices.

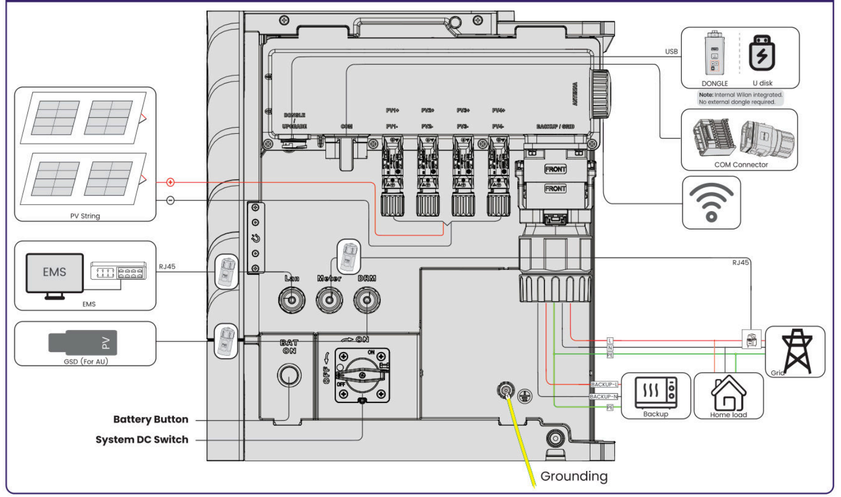
1. Packing List



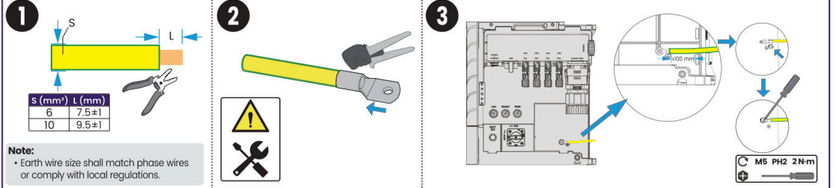
2. Installation Procedure



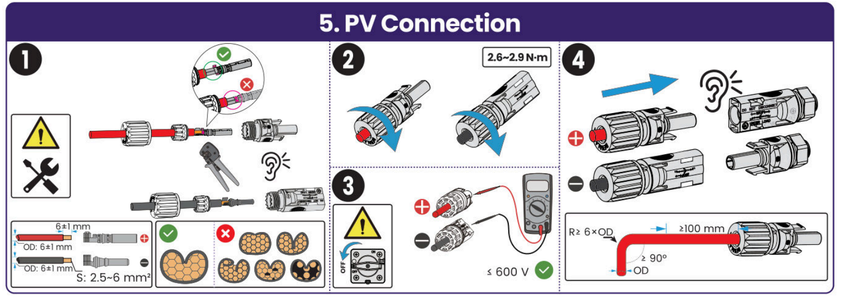
3. System Diagram



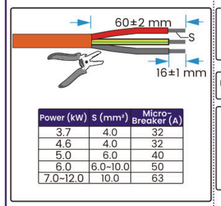
4. Grounding Connection

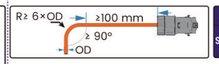


5. PV Connection



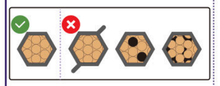
6. AC Connection

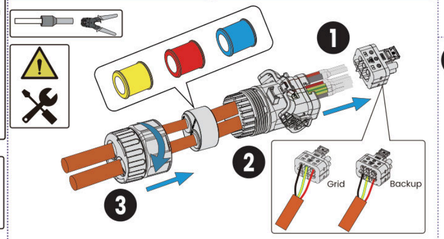


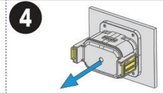


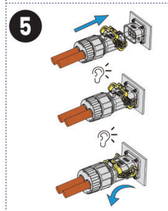
OD(mm)	9.8-13.1	14-16.1	18-20.7	21.7-23.3
Sealing color				

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



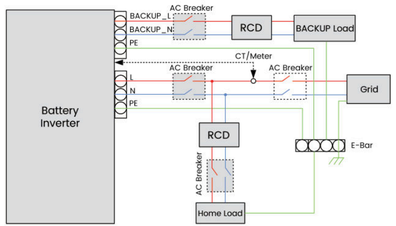




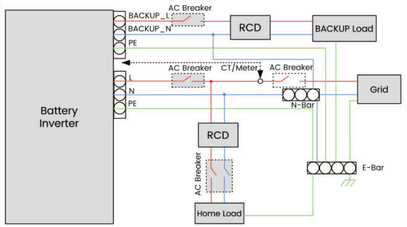


Note: Power Cube has internal bypass 63A passthrough ability to supprt whole home backup solution. If the customers don't want to do any breaker upgrade, you can set the maximum input current through the app.

7. BACKUP Connection

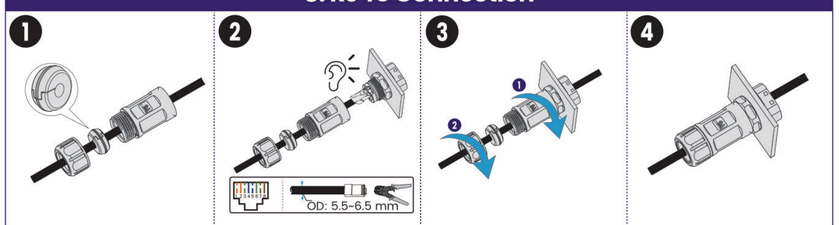


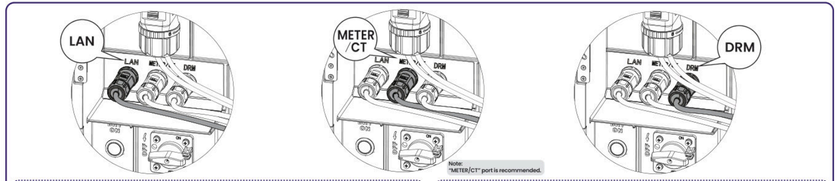
Note: Neutral line of alternative supply must be disconnected after the grid is off. For countries such as China, Germany, the Czech Republic, Italy, etc. Please follow local wiring regulations!

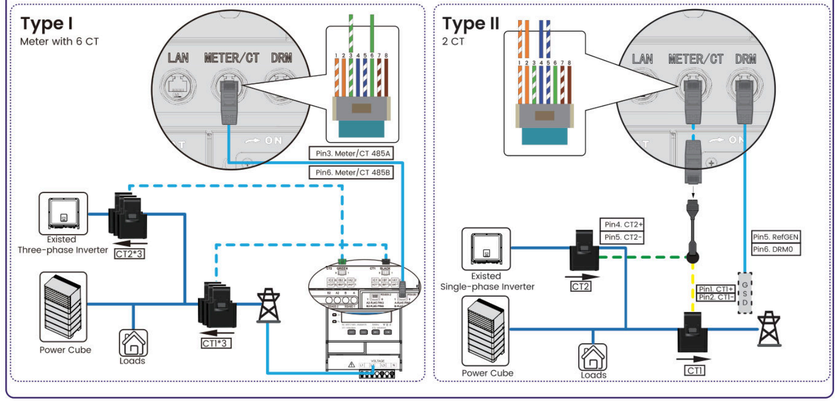


Note: Neutral line of alternative supply must not be isolated or switched. For countries such as Australia, New Zealand, South Africa, etc. Please follow local wiring regulations!

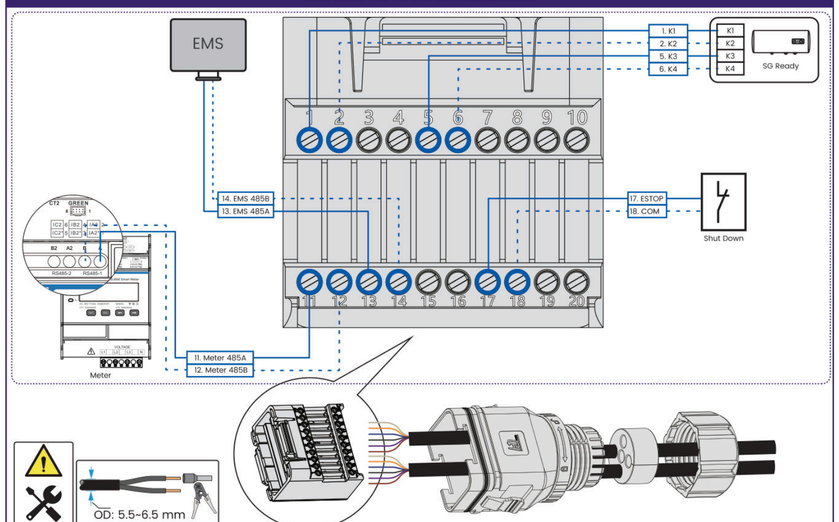
8. RJ45 Connection



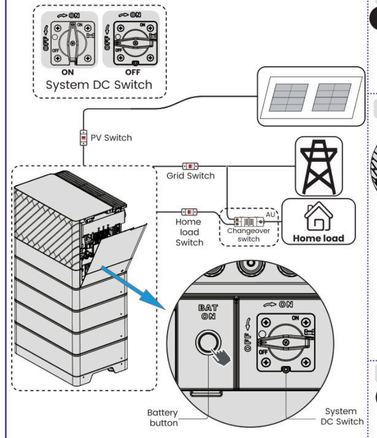




9. COM Connection



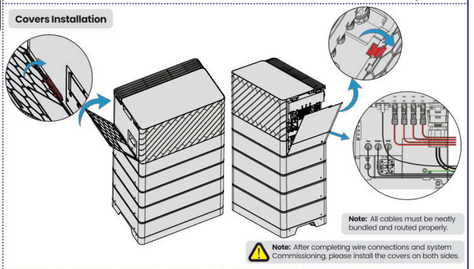
10. System Commissioning



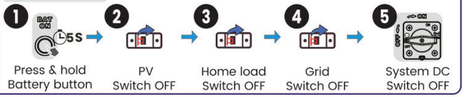
System Start Up:



Covers Installation



System Shutdown:







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