Quick Installation Guide
(Power Cube)

V 1.0.2
10-203-00764-02-X

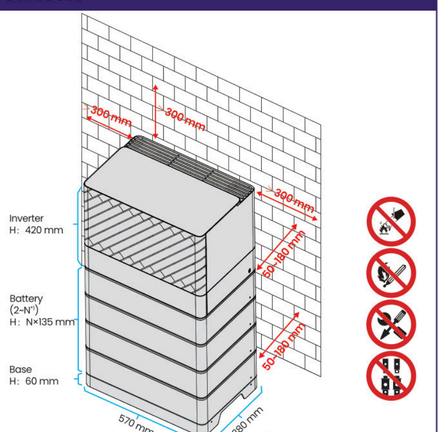
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Inverter	Battery Series	Battery No.
Inverter	EQ5500-S (w)	2~9
	EQ4800-S	
	EQ5500-S	
	EQ5000-S-P (w)	
	TQ5500-S (w)	
	TQ5000-S-P (w)	
	EQ3300-S	2~6
	EQ3300-S (w)	
	EQ5000-S	
	EQ5000-S (w)	
	TQ5000-S (w)	

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

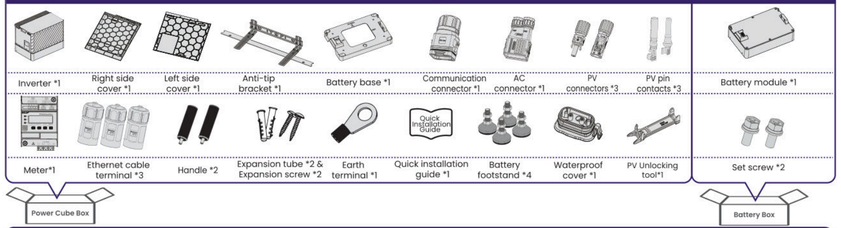
Inverter & Battery Series Matching Table



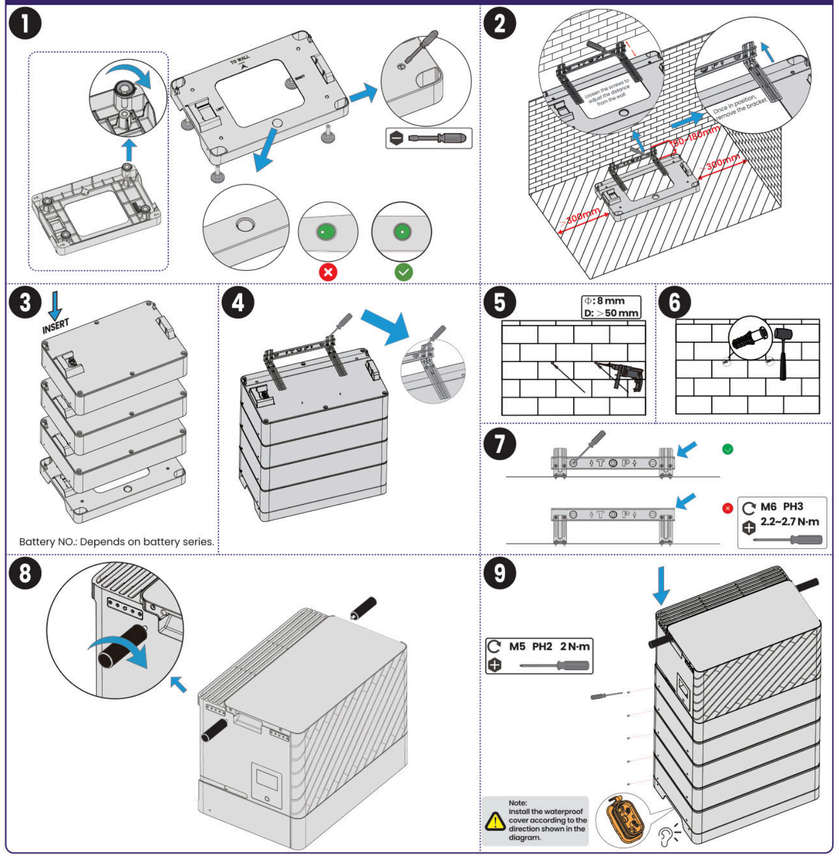
N*: N depends on battery series.

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



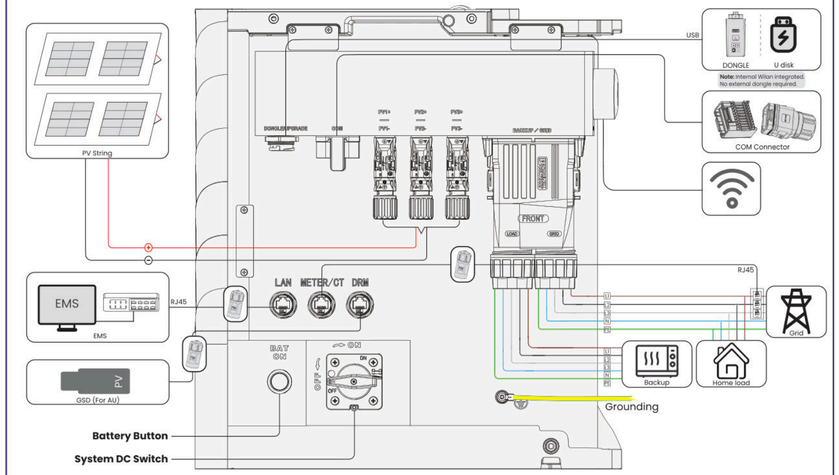
2. Installation Procedure



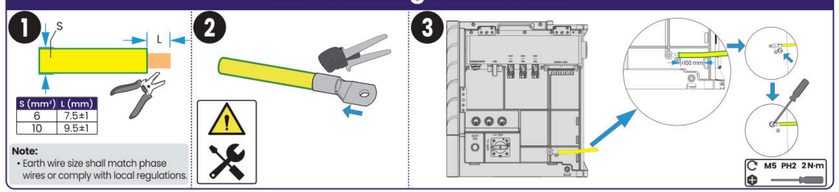
Battery NO.: Depends on battery series.

Note:
Install the waterproof cover according to the direction shown in the diagram.

3. System Diagram



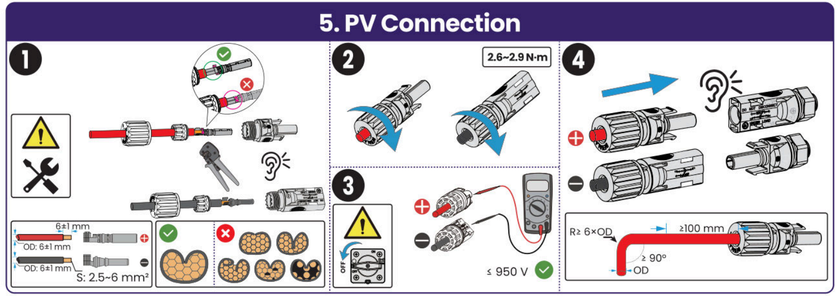
4. Grounding Connection



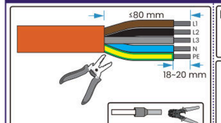
S (mm²)	L (mm)
6	7.5±1
10	9.5±1

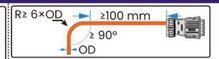
Note:
- Earth wire size shall match phase wires or comply with local regulations.

5. PV Connection



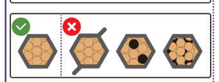
6. AC Connection

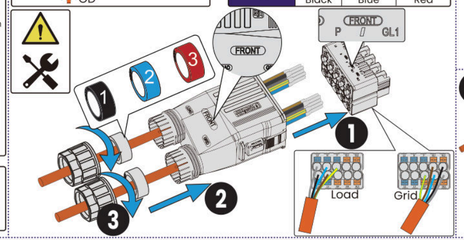


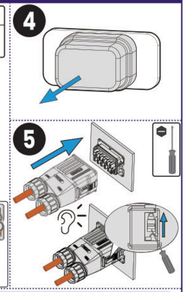


OD(mm)	14-19	19-23.5	23.5-27.5
Sealing color	Black	Blue	Red

Power (kW)	Conductor cross-section(mm²)	Micro-Breaker (A)
5.0-15.0	10.0-16.0	63

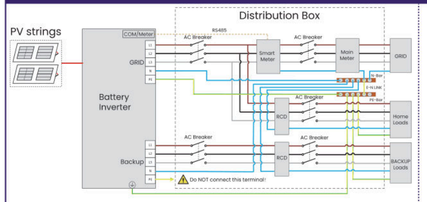




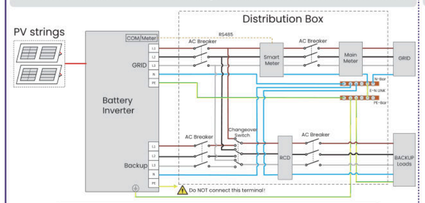


Note: Power Cube has internal bypass 63A passthrough ability to supprt whole home backup solution. If the customer don't want to do any breaker upgrade, you can set the maximum input current through the app.

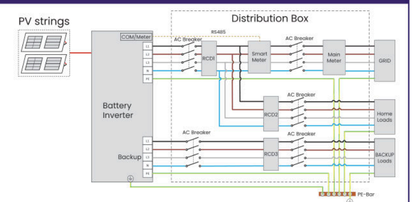
7. BACKUP Connection



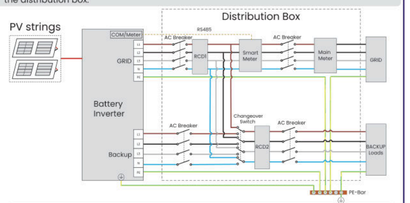
Note: For countries such as **Australia, New Zealand, South Africa, etc.,** please follow local wiring regulations. According to Australian safety requirements, **the N cables of the GRID side and EPS side must be connected together.** Otherwise, the EPS function will not work.



Whole Home Backup Wiring Diagram (Australia and New Zealand, etc)

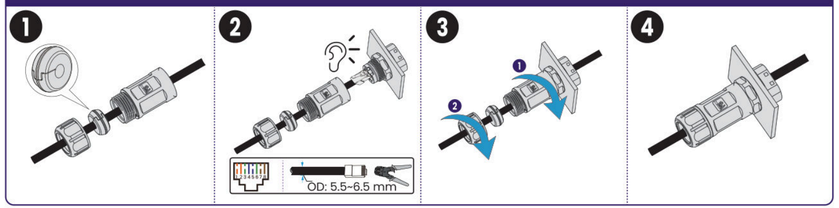


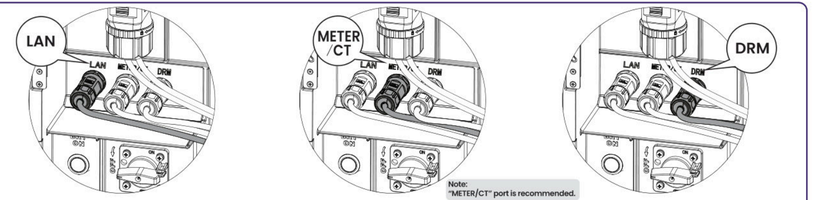
Note: For countries such as **China, Germany, the Czech Republic, Italy, etc.,** please follow local wiring regulations.
This diagram is an example for an application in which neutral is separated from the PE in the distribution box.

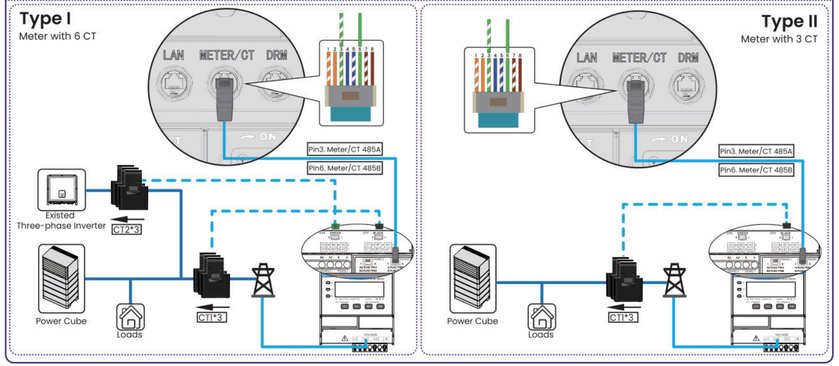


Whole Home Backup Wiring Diagram (China, Germany, the Czech Republic, Italy, etc)

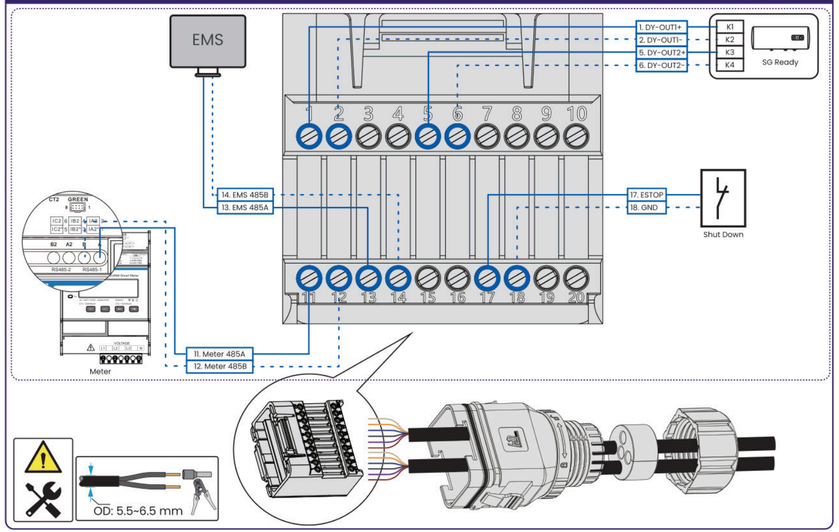
8. RJ45 Connection



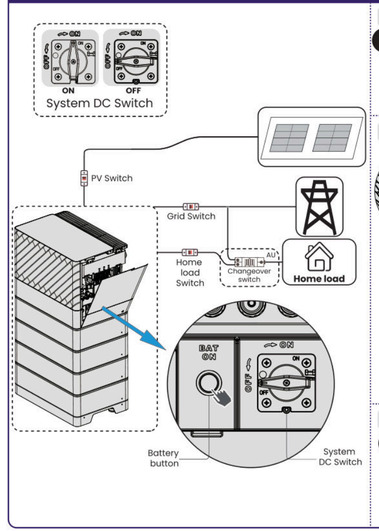




9. COM Connection



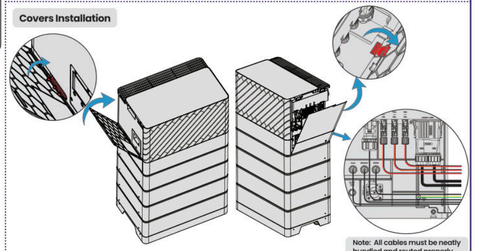
10. System Commissioning



System Start Up:



Covers Installation



System Shutdown:







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