



Quick Installation Guide (CQ Series)

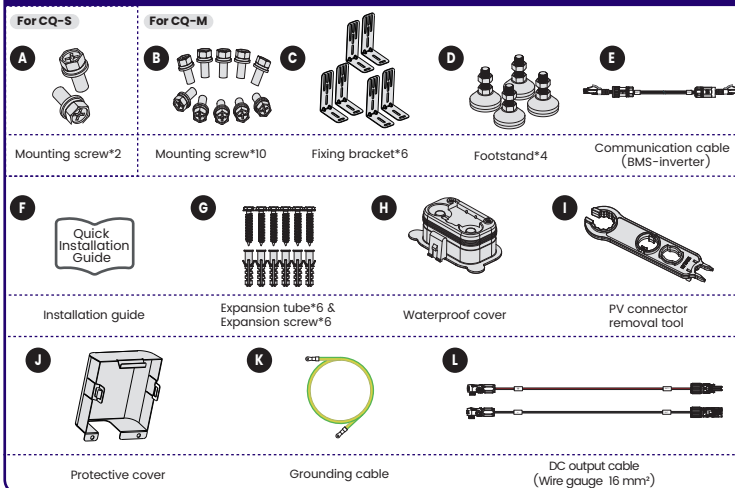
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10-203-00826-00-X



1. PPE & Tools

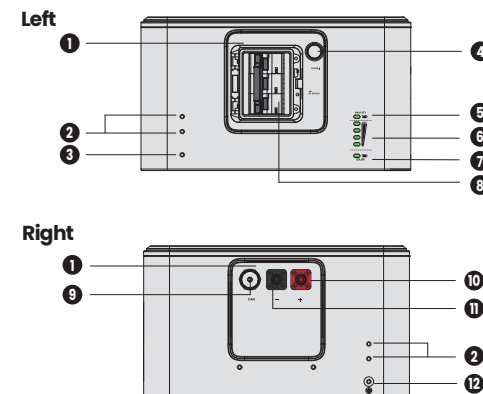


2. Packing List

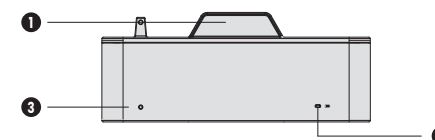


3. Terminals

For CQ-M:



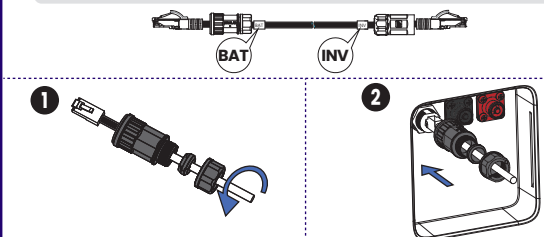
For CQ-S:



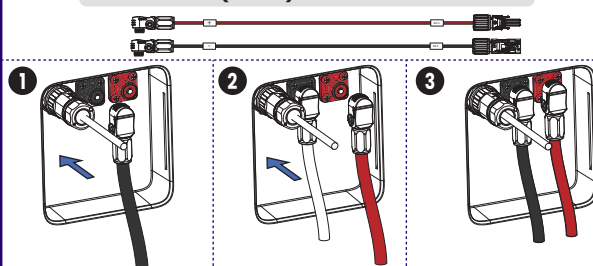
No.	Description	No.	Description
1	Handle	7	Operating Status LED
2	Bracket Mounting Hole	8	DC Switch
3	Battery Fixing Hole	9	CAN
4	POWER Switch	10	DC OUT+
5	BMS Status LED	11	DC OUT-
6	SOC LED	12	Earth Terminal

5. Wiring Procedure

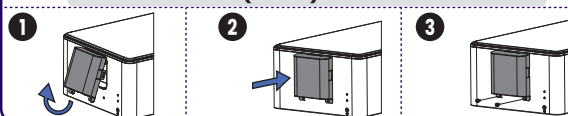
Communication Cable (Item E) Installation Procedure



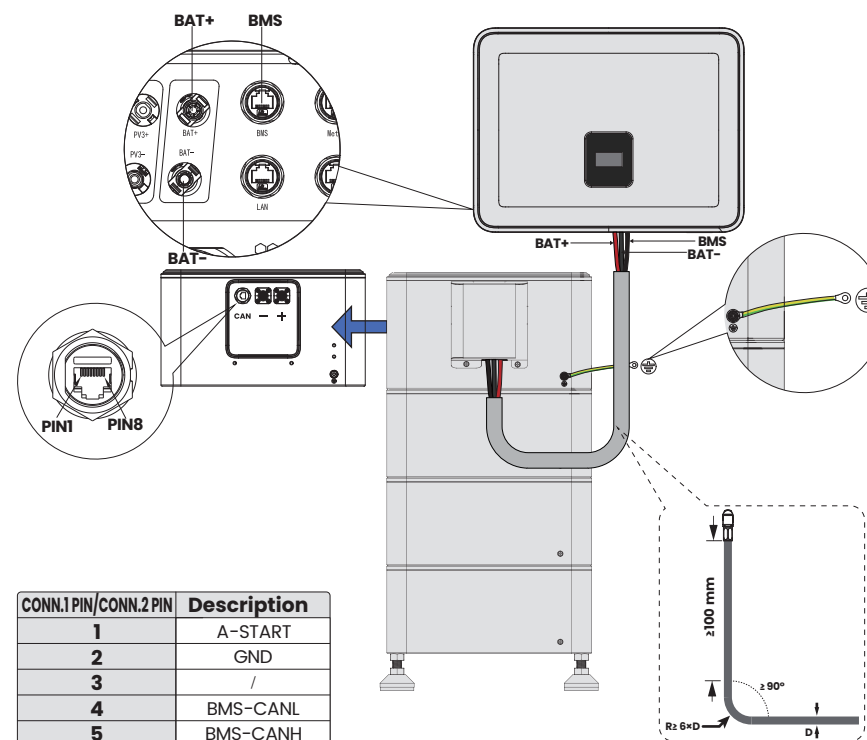
Power Cable (Item L) Installation Procedure



Protective Cover (Item J) Installation Procedure



Battery System Cable Layout Diagram

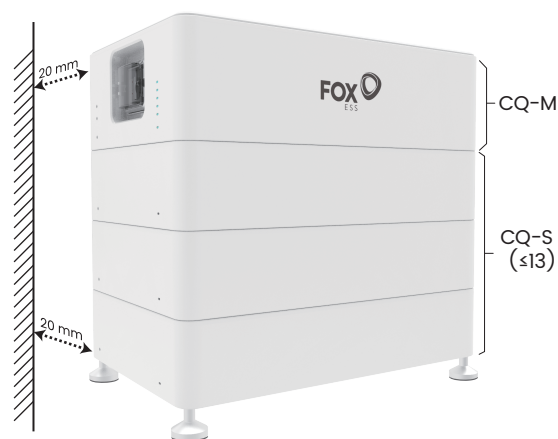


CONN.1 PIN/CONN.2 PIN	Description
1	A-START
2	GND
3	
4	BMS-CANL
5	BMS-CANH
6	BMS-CANH
7	BMS-CANL
8	

Note: Before wiring, ensure the grounding cable (Item K) is securely connected.

Content

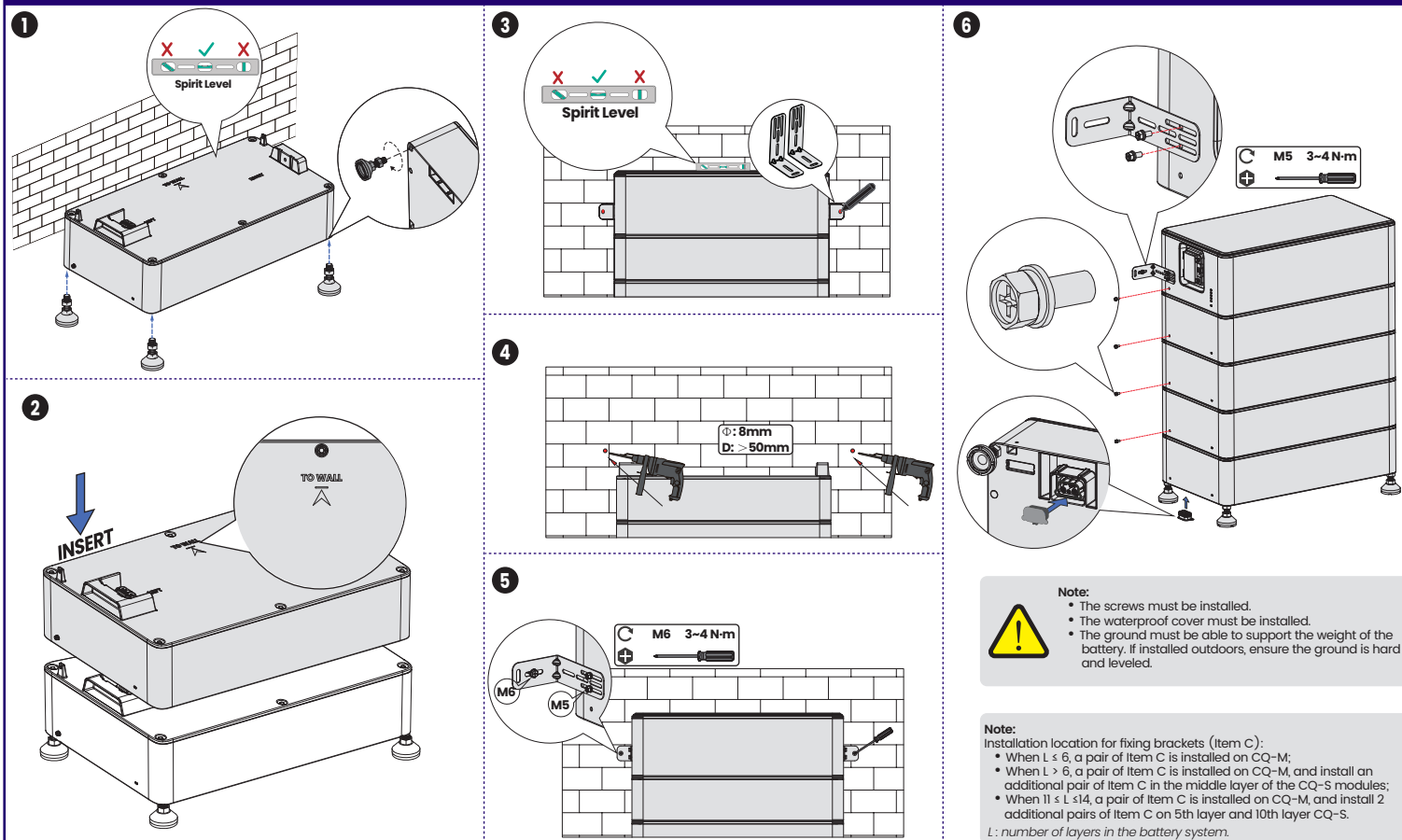
- 1. PPE & Tools
- 2. Packing List
- 3. Terminals
- 4. Installation Procedure
- 5. Wiring Procedure
- 6. System Commissioning



Note:
• Ensure that each battery system includes 1 CQ-M and at least 1 CQ-S, at most 13 CQ-S.
• All installation procedures must fully comply with all applicable regional and industry standards, covering cable selection, wiring, protective devices, and overall installation practices.



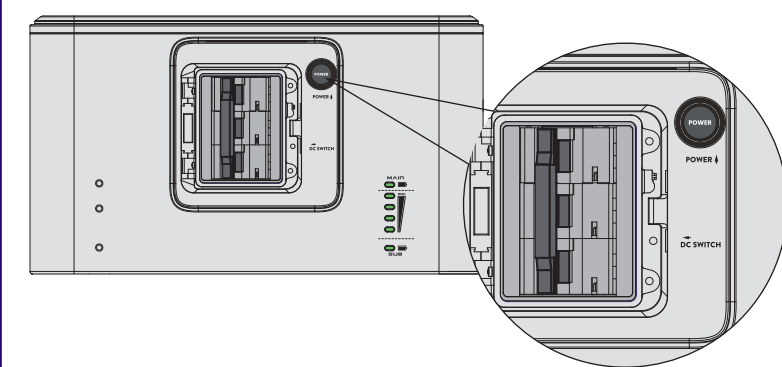
4. Installation Procedure



Note:
• The screws must be installed.
• The waterproof cover must be installed.
• The ground must be able to support the weight of the battery. If installed outdoors, ensure the ground is hard and leveled.

Note:
Installation location for fixing brackets (Item C):
• When L ≤ 9, a pair of Item C is installed on CQ-M;
• When L > 9, a pair of Item C is installed on CQ-M, and install an additional pair of Item C in the middle layer of the CQ-S modules;
• When 11 ≤ L ≤ 14, a pair of Item C is installed on CQ-M, and install 2 additional pairs of Item C on 5th layer and 10th layer CQ-S.
L: number of layers in the battery system.

6. System Commissioning



Note:
• When used with an inverter, the battery system voltage must meet the inverter battery port voltage range.

System Start Up:



System Shut Down:



System Black Start:



Note:
• Ensure correct battery-inverter connection prior to Black Start. No wiring modifications during Black Start.



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