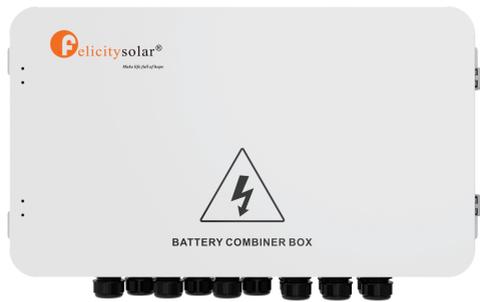
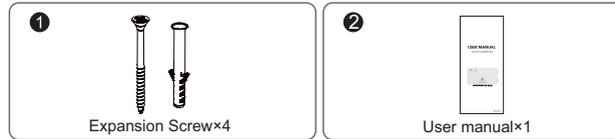


USER MANUAL

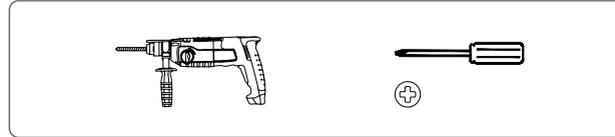
BATTERY COMBINER BOX



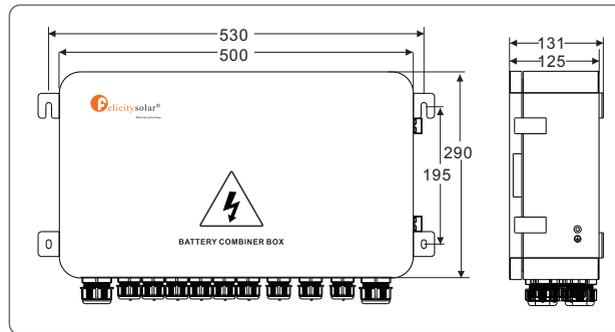
1. Check



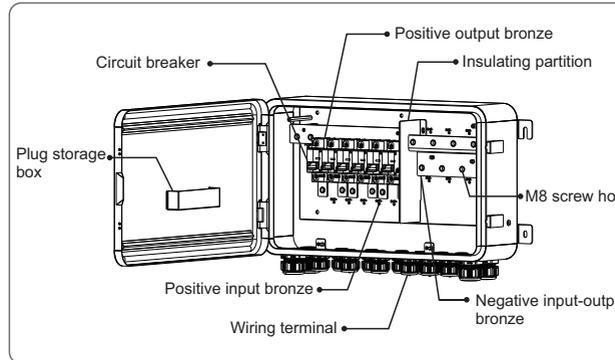
2. Installation Tools



3. System Size



4. Product Infographic



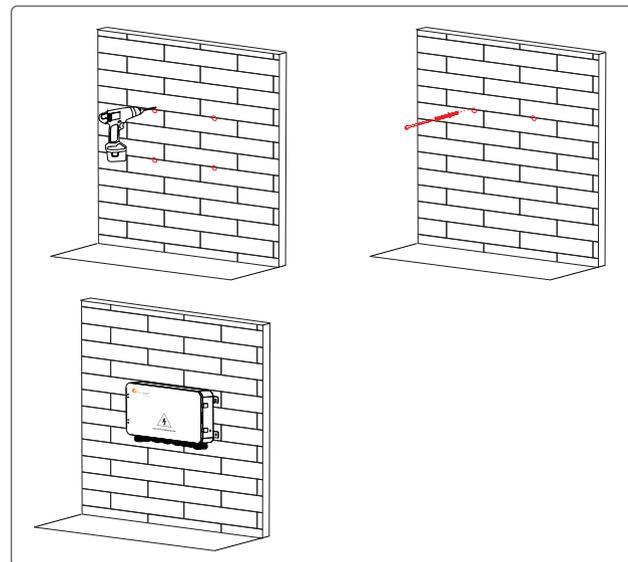
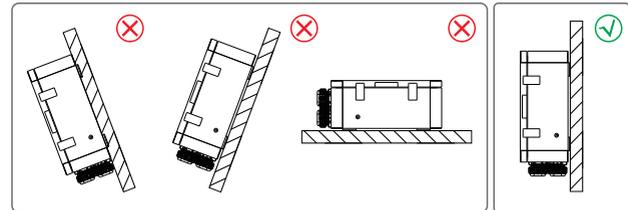
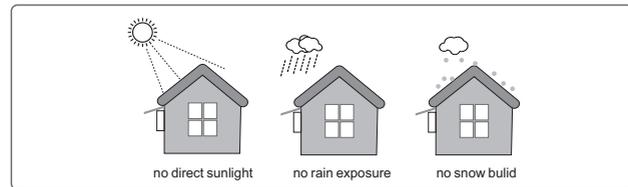
5. Environmental Conditions

		
Max. +50°C	Min. -10°C	RH.+5%~+95%
Operating temperature range		-10°C~50°C

6. Specifications

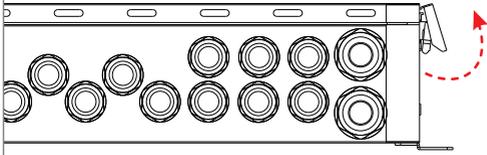
Product model	BTCB0602G1	BTCB0301G1
Maximum number of input paths	6	3
Rated voltage of branch(V)	80	80
Branch rated current(A)	125	125
Battery switch	PEBS-L	PEBS-L
Shell material	Metal chassis	
Protection level	IP65	
Operating temperature range	-10°C~50°C	
Net Weight(KG)	9	8.1
Gross Weight	11	10.1
Product Dimension(MM)	516×300×136	
Package Dimension(MM)	592×382×209	

7. Install Environment

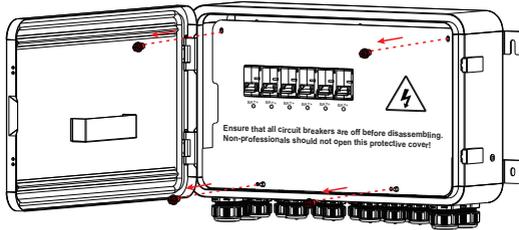


8 Procedure of Use

Step 1.



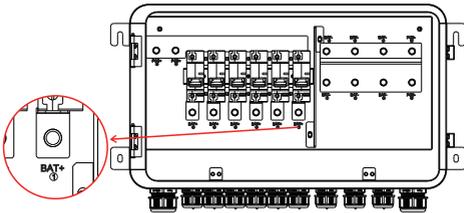
Step 2.



NOTE

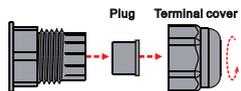
1. Ensure that all circuit breakers are off before disassembling.
2. Non-professionals should not open this protective cover.

9 Wiring instructions

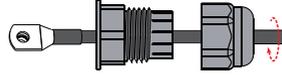


For example, the positive and negative poles of the first battery pack are connected to BAT⁺ and BAT⁻, the positive and negative poles of the first inverter are connected to PCS⁺ and PCS⁻, and the second is connected to BAT⁺, BAT⁻, PCS⁺ and PCS⁻ respectively, and so on.

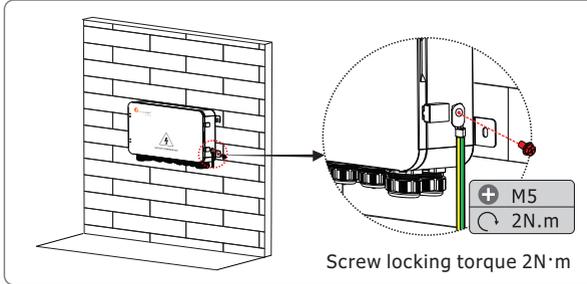
1. Before starting the wiring, unscrew the terminal cover counterclockwise, remove the center plug, and then tighten the terminal cover to start the wiring. The plug can be placed in the box behind the lid.



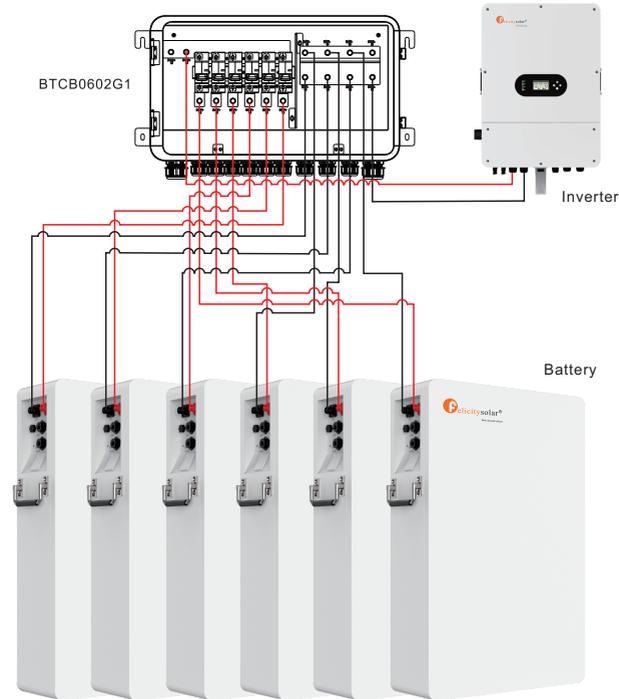
2. After connecting the cables through the terminals, rotate the terminal cover clockwise so that the terminals clamp the cables tightly and play a waterproof role.



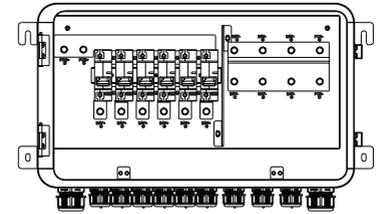
10 Grounding Connection



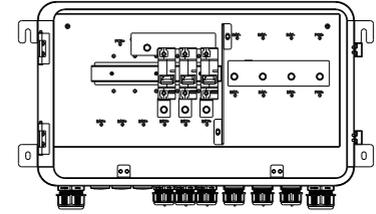
11 Connection Diagram



12 Internal Schematic Diagram of the Product



BTCB0602G1 with breaker 125A*6PCS



BTCB0301G1 with breaker 125A*3PCS