

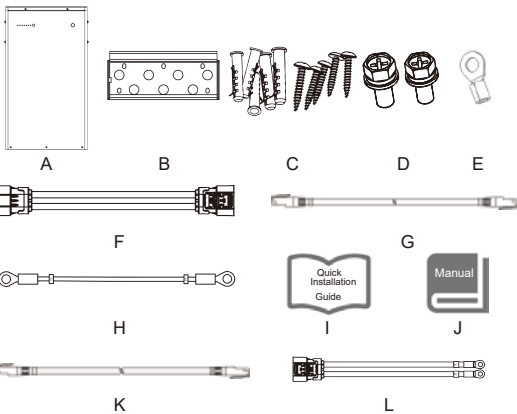
1. Tools Required

The following tools will be required to install the battery.



2. Packing List

Please check if following items are including with the package:



Object	Quantity	Description	Note
A	1	Battery	In the Battery Package
B	1	Bracket	
C	5	Expansion Tubes& Expansion Screws	
D	2	Hexagonal Screws	
E	1	Earth Terminal	
F	1	Power Line (0.5m)	
G	1	Communication Network Cable (0.5m)	
H	1	Ground Wire (0.5m)	
I	1	Quick Installation Guide	
J	1	User Manual	
Object	Quantity	Description	Note
K	1	Power Line (2m) (Battery to Inverter)	Accessory Package 1
L	1	Communication Network Cable (3m) (Inverter to Battery)	

L: To match the different inverters, our accessory packs are differentiated, so please look at the wire markings on the white sleeves before wiring.

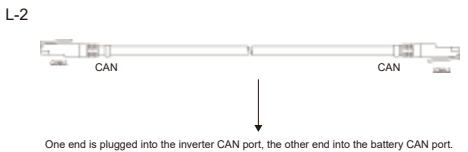


RS485 (Inverter side) Pin definition:

Pin	1	2	3	4	5	6	7	8
Definition	NC	NC	RS485-B	12V	RS485-A	NC	NC	GND

RS485 (Battery side) Pin definition:

Pin	1	2	3	4	5	6	7	8
Definition	RS485-B	RS485-A	GND	NC	NC	GND	RS485-A	RS485-B



CAN (Inverter side) Pin definition:

Pin	1	2	3	4	5	6	7	8
Definition	NC	GND	NC	CANH	CANL	NC	NC	NC

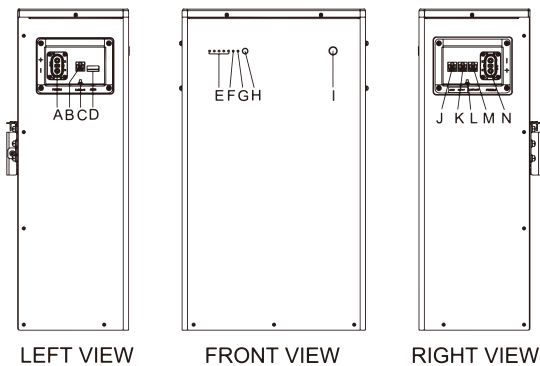
CAN (Battery side) Pin definition:

Pin	1	2	3	4	5	6	7	8
Definition	NC	GND	NC	CANH	CANL	NC	NC	NC

Note:

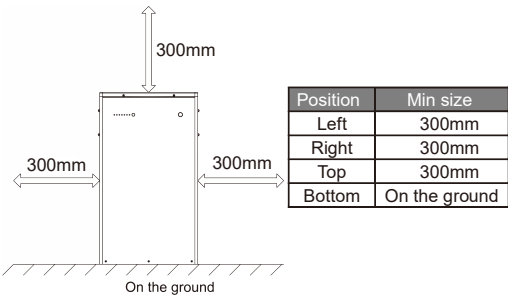
- Use only the parts included with the battery pack to ensure proper installation. If anything is damaged or missing, contact manufacturer or your distributor.
- Package 1&Package2&Package3 are provide separately, not including in battery package. Please contact your dealer if you do not have it.
- Select an interface (CAN/RS485) based on the actual inverter interface type.
- If the definition of the communication port from your inverter to the battery is different from all of the above, please make your own communication cable.

3. Battery Terminals



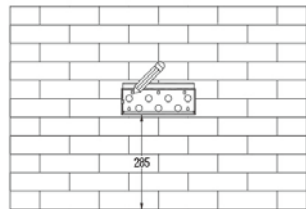
No.	Description	No.	Description
A	POWER-1	H	Start button
B	LinkPort1	I	Power switch
C	Ground screw	J	CAN
D	Add switch	K	RS485
E	SOC LED	L	Ground screw
F	Alarm LED	M	LinkPort0
G	Running LED	N	POWER-2

4. Installation Steps



STEP-1:

Measure and confirm that the bottom of the bracket is 285mm away from the ground, and mark the 5-hole positions on the bracket with a pen.



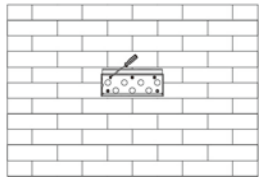
STEP-2:

Drill holes with electric drill, make sure the holes are deep enough (at least 50mm) for installation, and then tighten the expansion tubes.



STEP-3:

Install the expansion tubes in the holes, and tighten them. Then install the wall bracket by using the expansion screws.

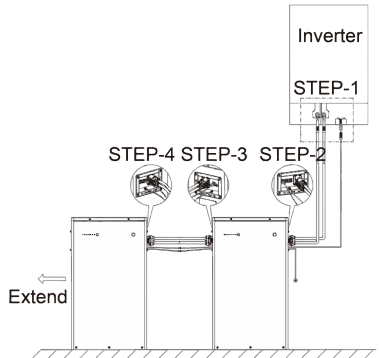


STEP-4:

Hang the battery over the bracket, move the battery close to it, lower the battery, and make sure the 2 mounting bars on the back are fixed well with the 2 grooves on the bracket.

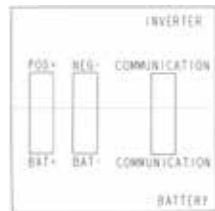


5. Wiring Steps



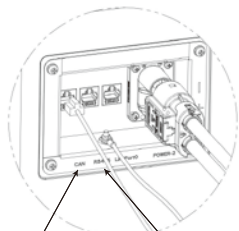
STEP-1:

Connect BAT + to POS + , BAT - to NEG - respectively. Connect the battery communication network cable to the lithium battery communication port of the inverter.



STEP-2:

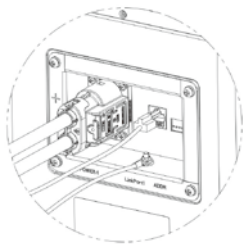
Plug the power plug into any output socket on the left or right of the battery. Connect the communication network cable to the CAN interface of the battery, connect the ground terminal of the battery with the ground wire, and lock the nut.



Select an interface (CAN/RS485) based on the actual inverter interface type. Please choose L-1 or L-2.

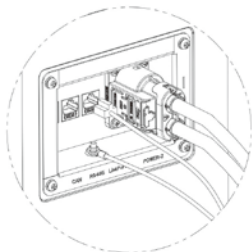
STEP-3:

Plug the power line of the parallel battery into the remaining output socket, insert the communication line of the parallel battery into LinkPort1, and lock the ground nut.



STEP-4:

Plug the power line of the parallel battery into the remaining output socket, insert the communication line of the parallel battery into LinkPort0, and lock the ground nut.

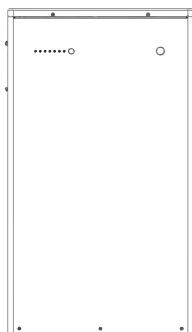


STEP-5:

Repeat STEP-3 through STEP-4 to insert more batteries (up to 8 batteries).

6. System Start Up

After pressing the power switch for 1s, all LEDs will be on and flashing, which indicates that the battery is started normally. After pressing the start button for 3s, the battery will turn on the discharge function.



Note: After the communication with the inverter is disconnected for 10s, the battery will turn off the output. If it does not recover after 10 minutes, the battery will be shut down.

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