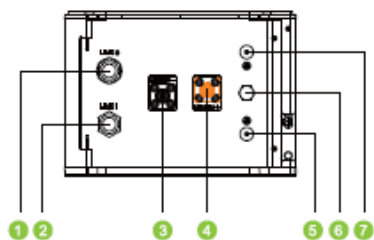
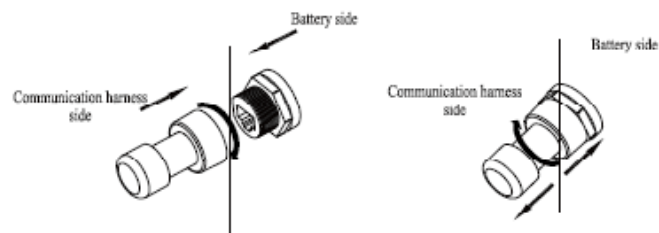


5-2 ARK 2.5H-A1 Connection end face introduction



1	LINK 0 CAN communication	5	GND terminal
2	LINK 1 CAN communication	6	Safety stop
3	Module negative terminal	7	GND terminal
4	Module positive terminal		

6-2 Communication terminal



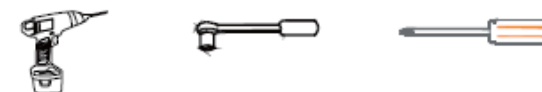
POWERING TOMORROW
Growatt

ARK-2.5H-A1 Quick Installation Manual

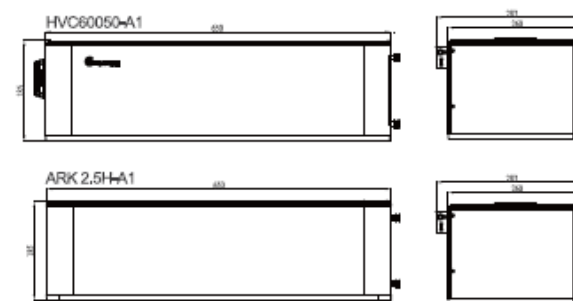
Installation environment



Installation tools

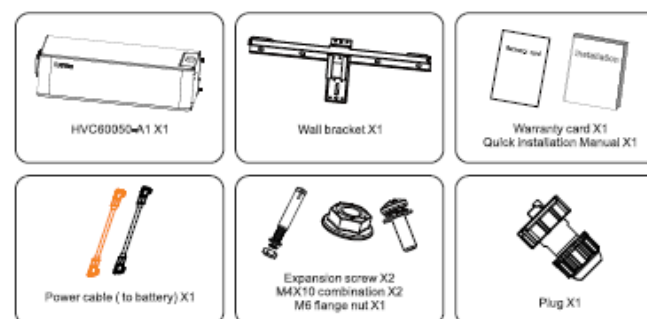


System size

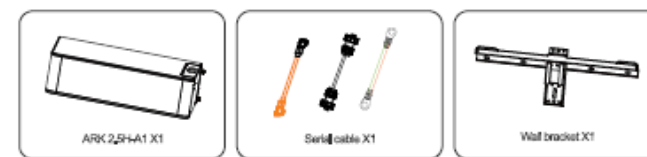


1.Check

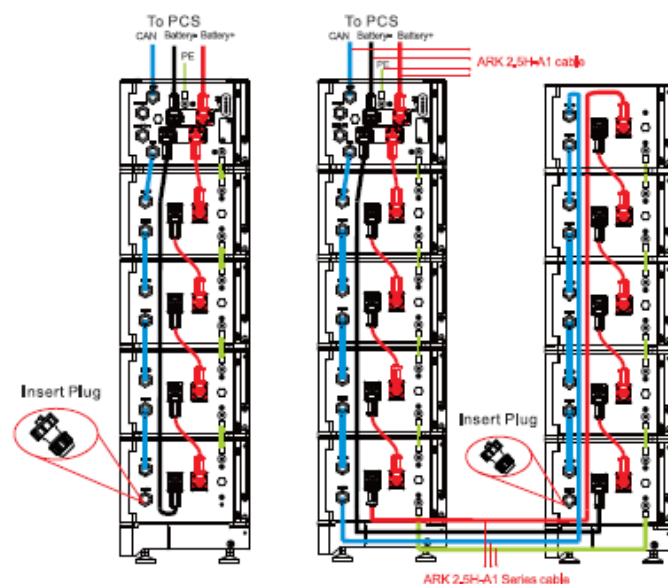
1-1 Check HVC60050-A1 List



1-2 Check ARK 2.5H-A1 List

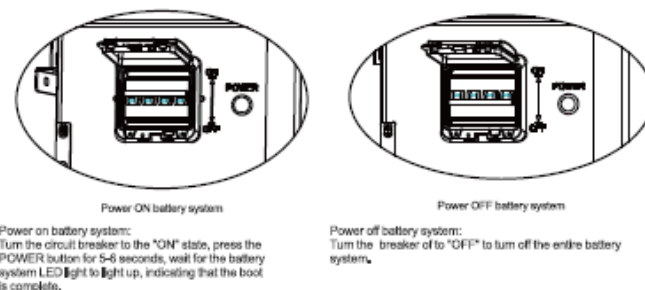


5-3 Diagram of wiring connection



Note: The switch connect PCS to ARK2.5H-A1, we recommend the use of molded case circuit breaker with rated working voltage greater than 750V and rated working current greater than 63A.

7.Battery system switch operation



8.Key operation

Power Button

Situation	Touch	Definition
System off	Press(> 5S)	Power on

Note: When multiple battery system are used in parallel connection, you only need to press one key of any module to start the system.

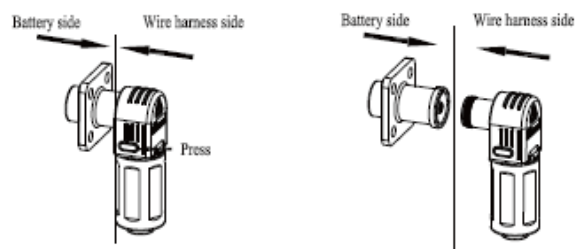
9.Service and contact

Shenzhen Growatt New Energy CO.,Ltd
No. 28 Guangming Road,Shiyan Street,Bao'an District,
Shenzhen,P.R.China
☎ 86 0755 2747 1942 ✉ service@ginverter.com
W:www.ginverter.com

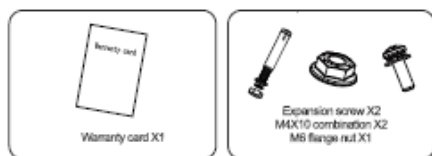


6.Terminal Connection

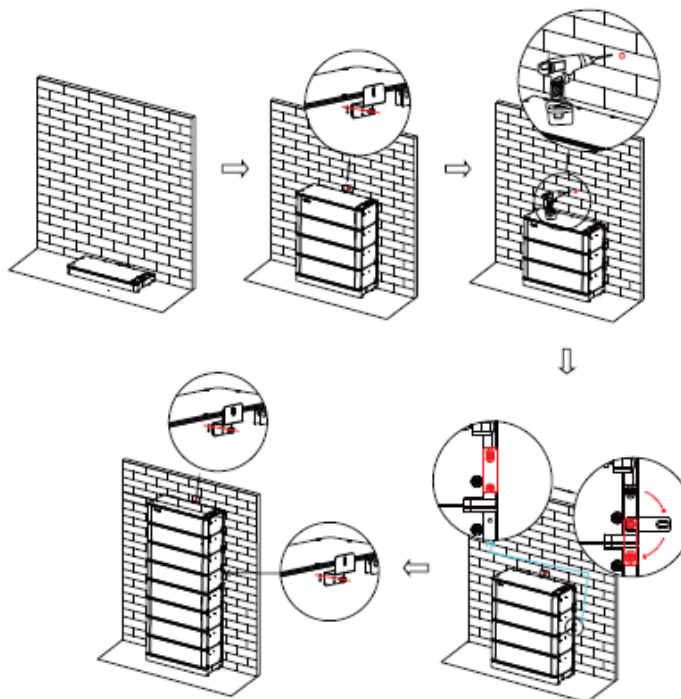
6-1 Power terminal



Note: Press the position indicated in the figure above before disconnecting the power terminal.

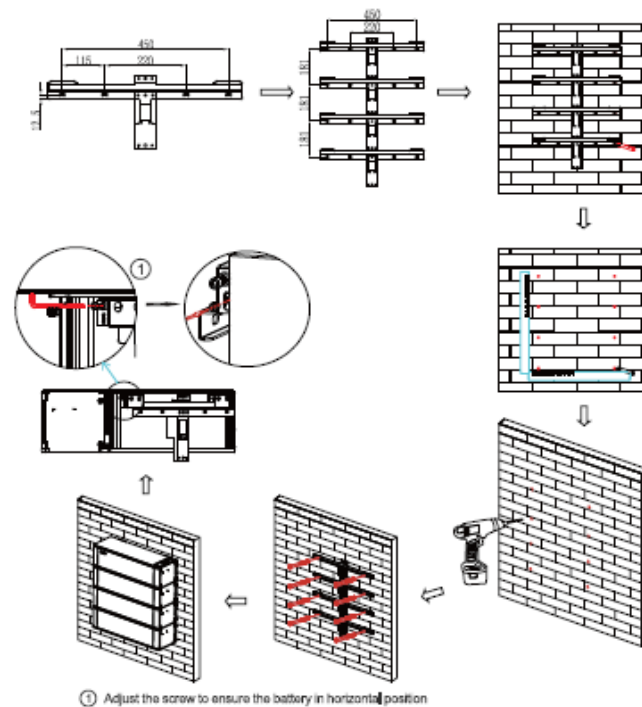


2-2 Installation Procedure

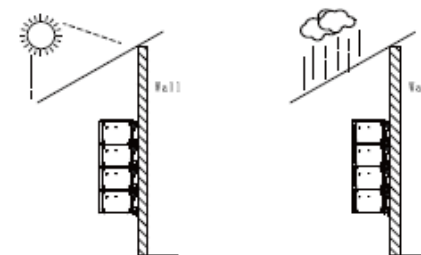


Note: The safety part needs to be installed at the top battery, however, once the number of the battery pack is higher than 7, one more safety part should be installed in the middle battery which is shown the last step.

3-2 Installation Procedure



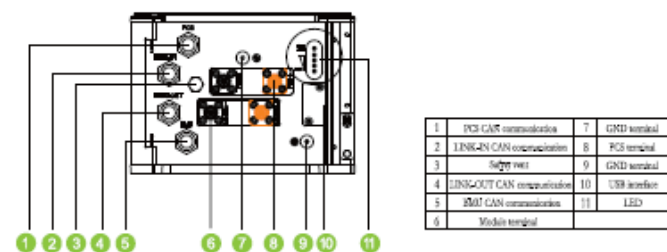
4. Install Environment



Note: Build sun& rain shade to avoid direct exposure to sunlight and rain.

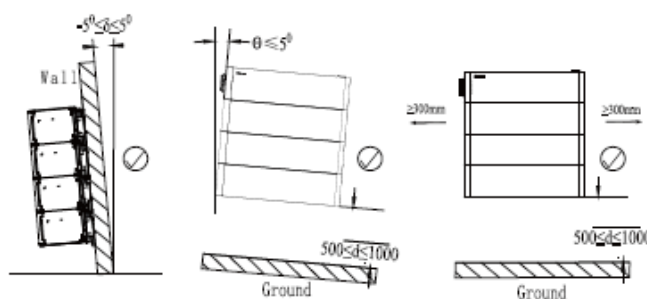
5. Wire Connection

5-1 HVC60050-A1 Connection end face introduction



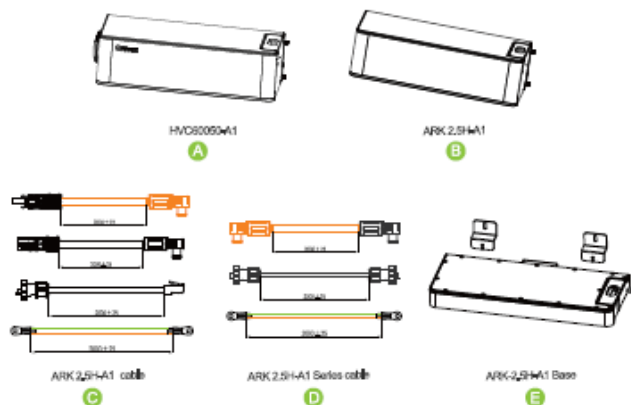
3. Wall-Mounted Installation Process

3-1 Installation Location Requirements



Note: The number of wall-mount installations should not exceed four. Please make sure that the weight capacity of wall should exceed 150kg.

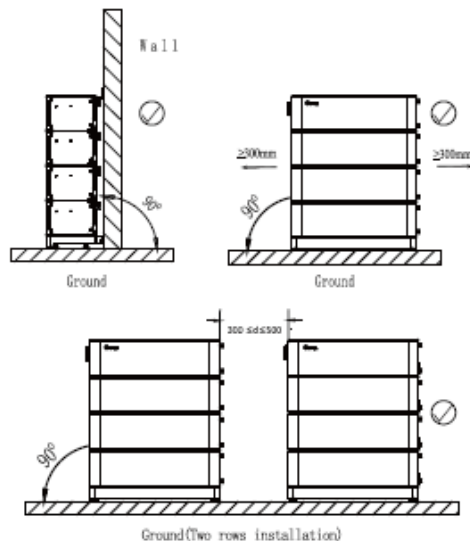
1-3 Check accessories



Installation Method	Compound Mode
Standard Wall-Mounted Installation	A+B+C
Standard floor installation	A+B+C+E
Wall-Mounted Battery system stacked in two line	A+B+C+D
Floor installation battery system stacked in two line	A+B+C+D+E*2

2. Floor installation with base

2-1 Installation Location Requirements



Note: 1. If more than 4 batteries are used, base mounting is recommended.
2. For floor installation with base, the maximum stack number of the battery is ten.
But if the battery number is greater than six, we recommend stacking them in two lines.