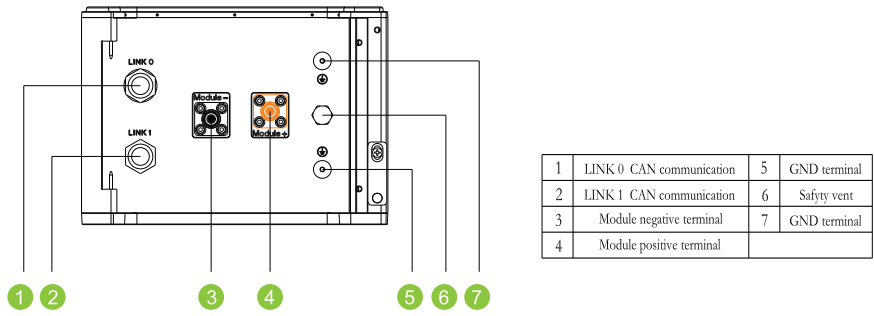
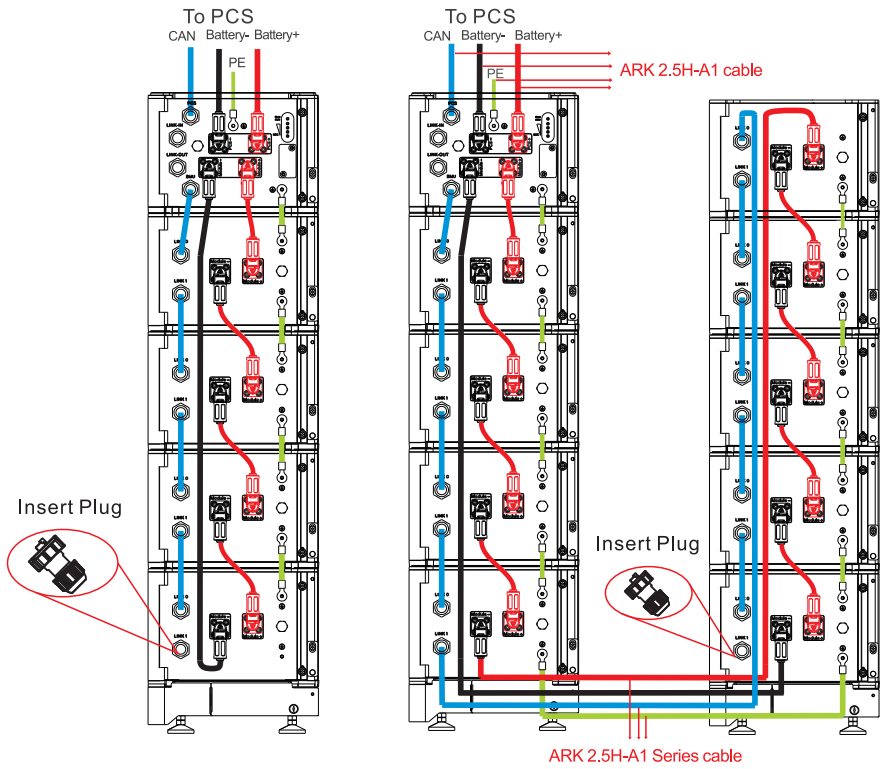


5-2 ARK 2.5H-A1 Connection end face introduction



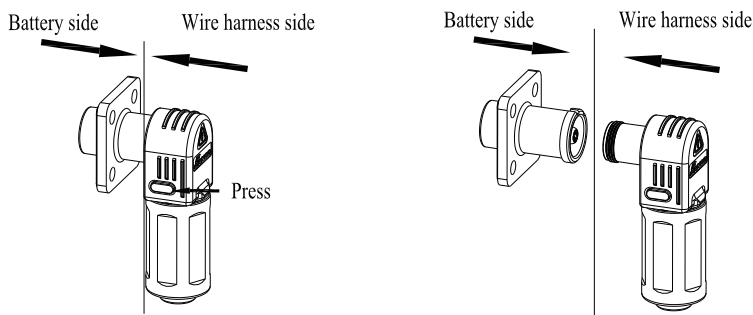
5-3 Diagram of wiring connection



Note: The switch connect PCS to ARK-2.5H-A1, we recommend the use of molded case circuit breaker with rated working voltage greater than 750V and rated working current greater than 63A.

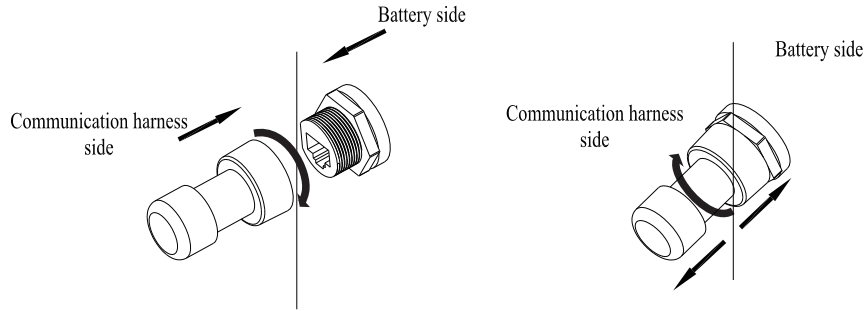
6.Terminal Connection

6-1 Power terminal

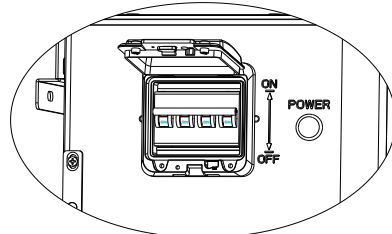


Note: Press the position indicated in the figure above before disconnecting the power terminal.

6-2 Communication terminal

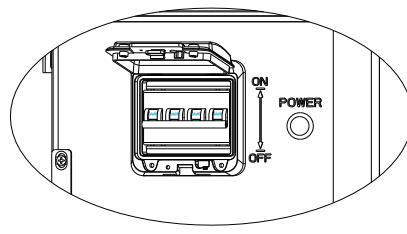


7.Battery system switch operation



Power ON battery system

Power on battery system:
Turn the circuit breaker to the "ON" state, press the POWER button for 5-6 seconds, wait for the battery system LED light to light up, indicating that the boot is complete.

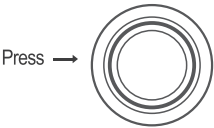


Power OFF battery system

Power off battery system:
Turn the breaker of to "OFF" to turn off the entire battery system.

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



Growatt New Energy

Installation environment



Max.+50°C

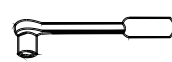


Min.-10°C

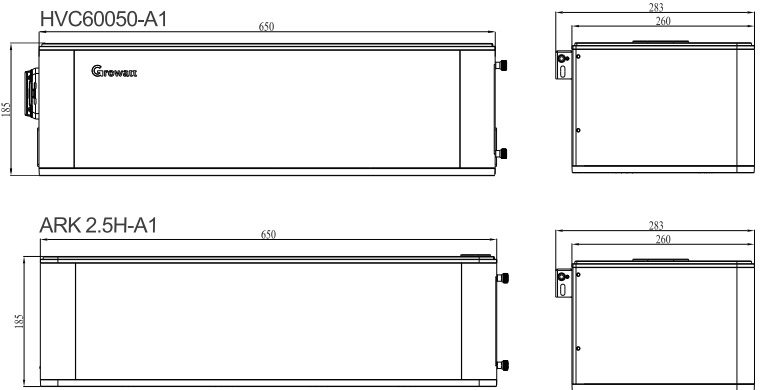


RH.+5%~+95%

Installation tools

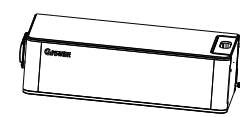


System size

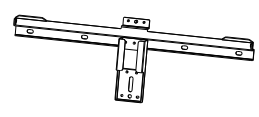


1.Check

1-1 Check HVC60050-A1 List



HVC60050-A1 X1



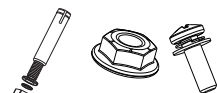
Wall bracket X1



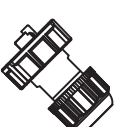
Warranty card X1
Quick installation Manual X1



Power cable (to battery) X1



Expansion screw X2
M4X10 combination X2
M6 flange nut X1

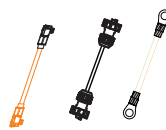


Plug X1

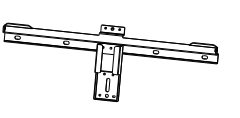
1-2 Check ARK 2.5H-A1 List



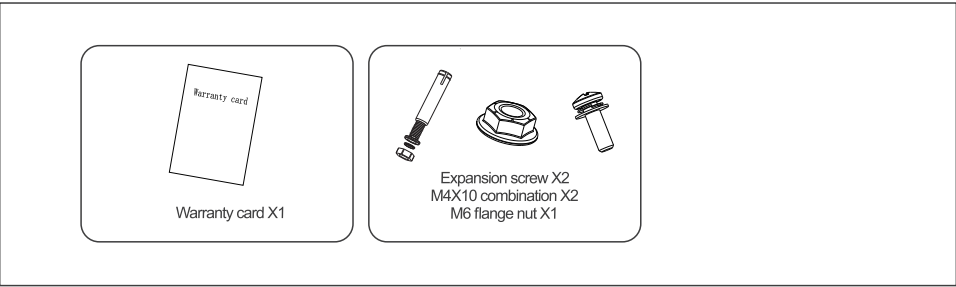
ARK 2.5H-A1 X1



Serial cable X1



Wall bracket X1



1-3 Check accessories

HVC60050-A1

A

ARK 2.5H-A1

B

ARK 2.5H-A1 cable

C

ARK 2.5H-A1 Series cable

D

ARK-2.5H-A1 Base

E

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

Wall

Ground

≥300mm

90°

300 ≤ d ≤ 500

Ground(Two rows installation)

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 .

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. Wall-Mounted Installation Process

3-1 Installation Location Requirements

Wall

Ground

500 ≤ d ≤ 1000

≥300mm

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

3-2 Installation Procedure

① Adjust the screw to ensure the battery in horizontal position

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

1	PCS CAN communication	7	GND terminal
2	LINK-IN CAN communication	8	PCS terminal
3	Safety vent	9	GND terminal
4	LINK-OUT CAN communication	10	USB interface
5	BMU CAN communication	11	LED
6	Module terminal		