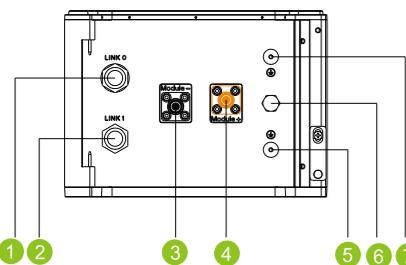
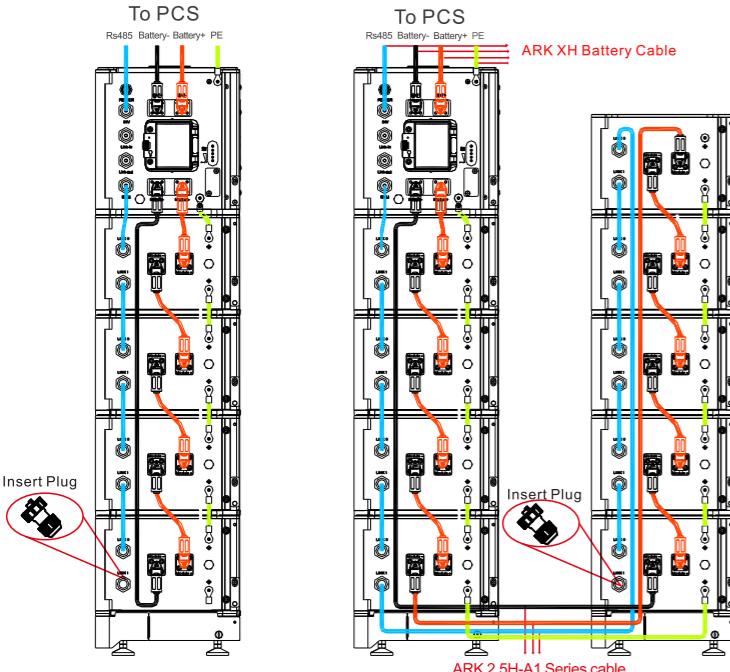


## 5-2 ARK 2.5H-A1 Connection end face introduction



1	LINK0 Series Communication Port	5	GND terminal
2	LINK1 Series Communication Port	6	Safety vent
3	Module negative terminal	7	GND terminal
4	Module positive terminal		

## 5-3 Diagram of wiring connection

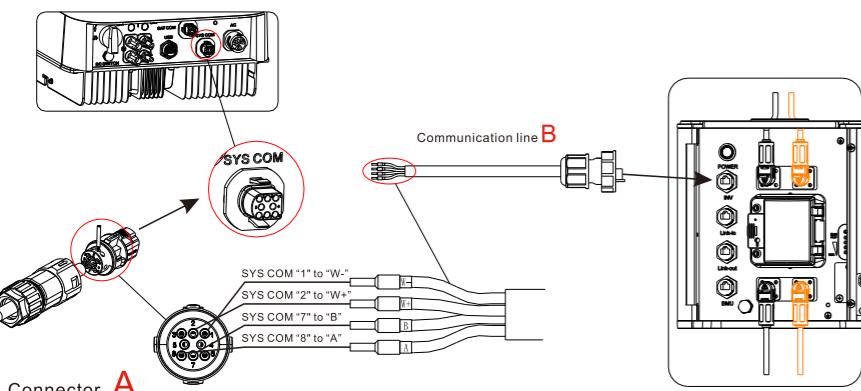


Note: It is not recommended to install a DC circuit breaker between the battery system and the hybrid inverter system. If you want to install a DC circuit breaker with rated working voltage greater than 1000V and rated working current greater than 63A, do not operate the DC circuit breaker with power on, otherwise the machine may be damaged.

## 5-4 Communication port connection

## BDC 95045-A1

Silk screen	Terminal serial number	Definition	Silk screen	Terminal serial number	Definition
INV	1	WAKE-(W-)	SYS COM	1	BAT.EN-
	2	WAKE+(W+)		2	BAT.EN+
	7	RS 485_B (B)		7	RS 485_B
	8	RS 485_A(A)		8	RS 485_A

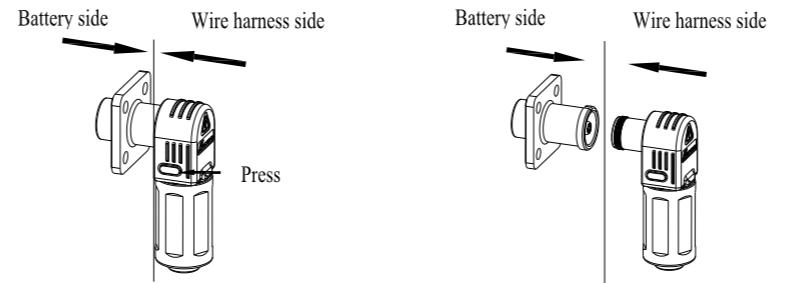


## BDC 95045-A1

Silk screen	Terminal serial number	Definition	Silk screen	Terminal serial number	Definition
INV	1	WAKE-(W-)	COM	10	BAT.EN-
	2	WAKE+(W+)		9	BAT.EN+
	7	RS 485_B (B)		8	RS485B2
	8	RS 485_A(A)		7	RS485A2

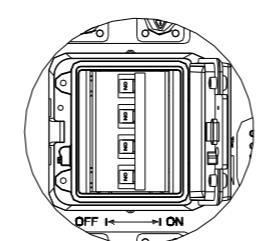
## 6.Terminal Connection

## 6-1 Power terminal

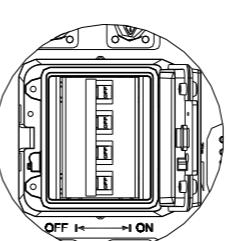


Note: Press the position indicated in the figure above before disconnecting the power terminal.

## 7.Battery system switch operation



Power ON battery system



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

## 8.Key operation

## Power Button

Situation	Touch	Definition	
System off	Press( $\geq 5S$ )	Power on	Press →

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

4-13/F, Building A, Sino-German(Europe) Industrial Park,  
Hangcheng Ave, Bao'an District, Shenzhen, China

86 0755 2747 1942 service@ginverter.com

W:www.ginverter.com



Growatt New Energy

## Installation environment



Max.+50°C

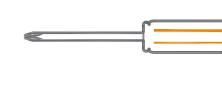
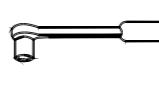


Min.-10°C



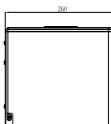
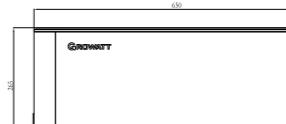
RH. +5%~+95%

## Installation tools

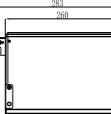
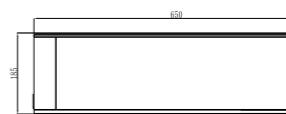


## System size

## BDC95045-A1

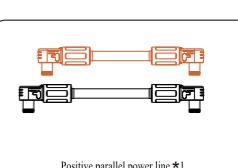
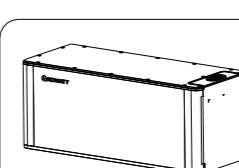


## ARK 2.5H-A1

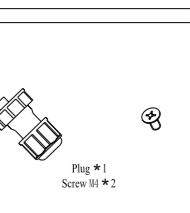
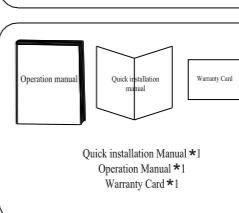


## 1.Check

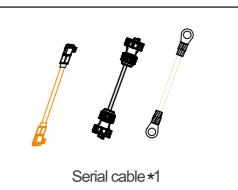
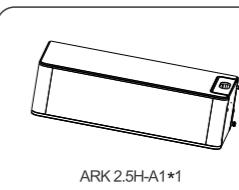
## 1-1 Check BDC 95045-A1 List



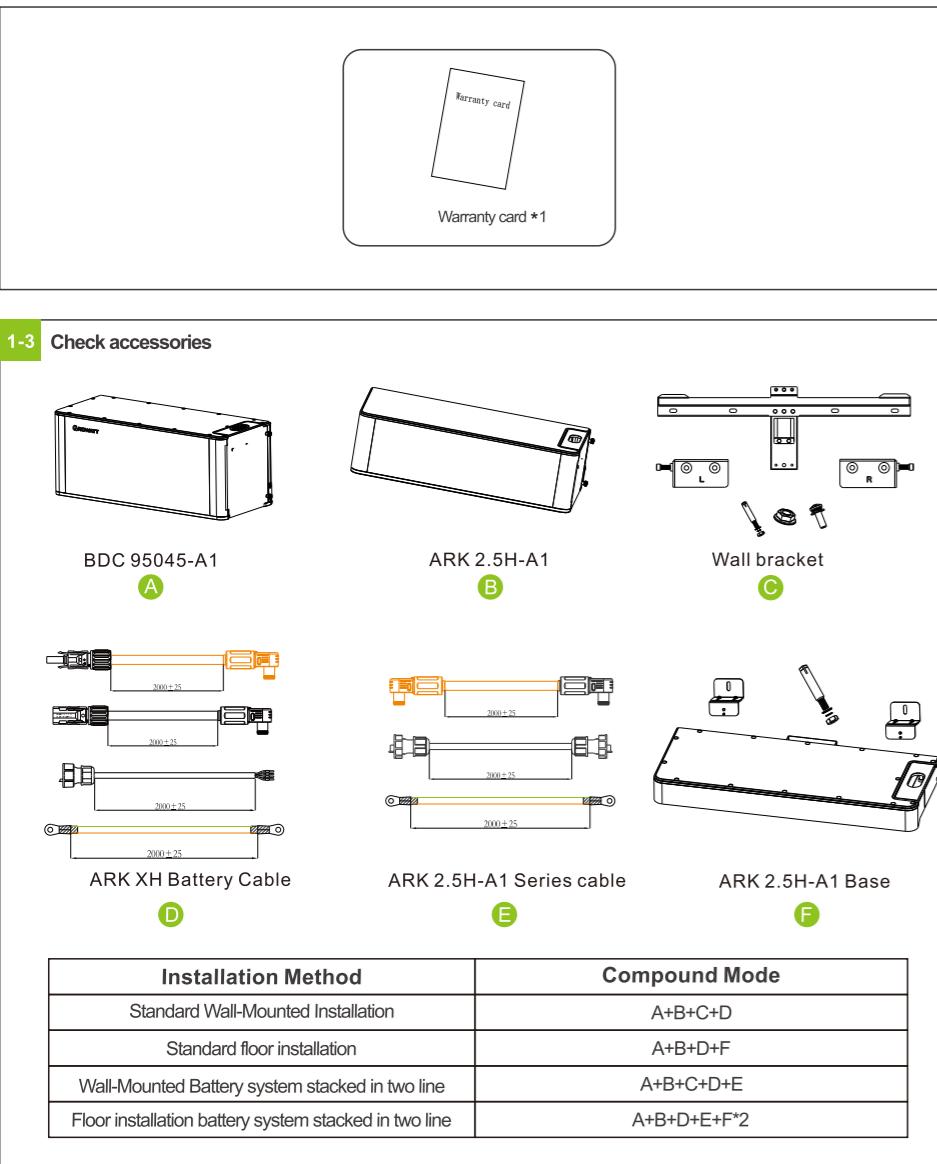
Positive parallel power line\*1  
Negative parallel power line\*1



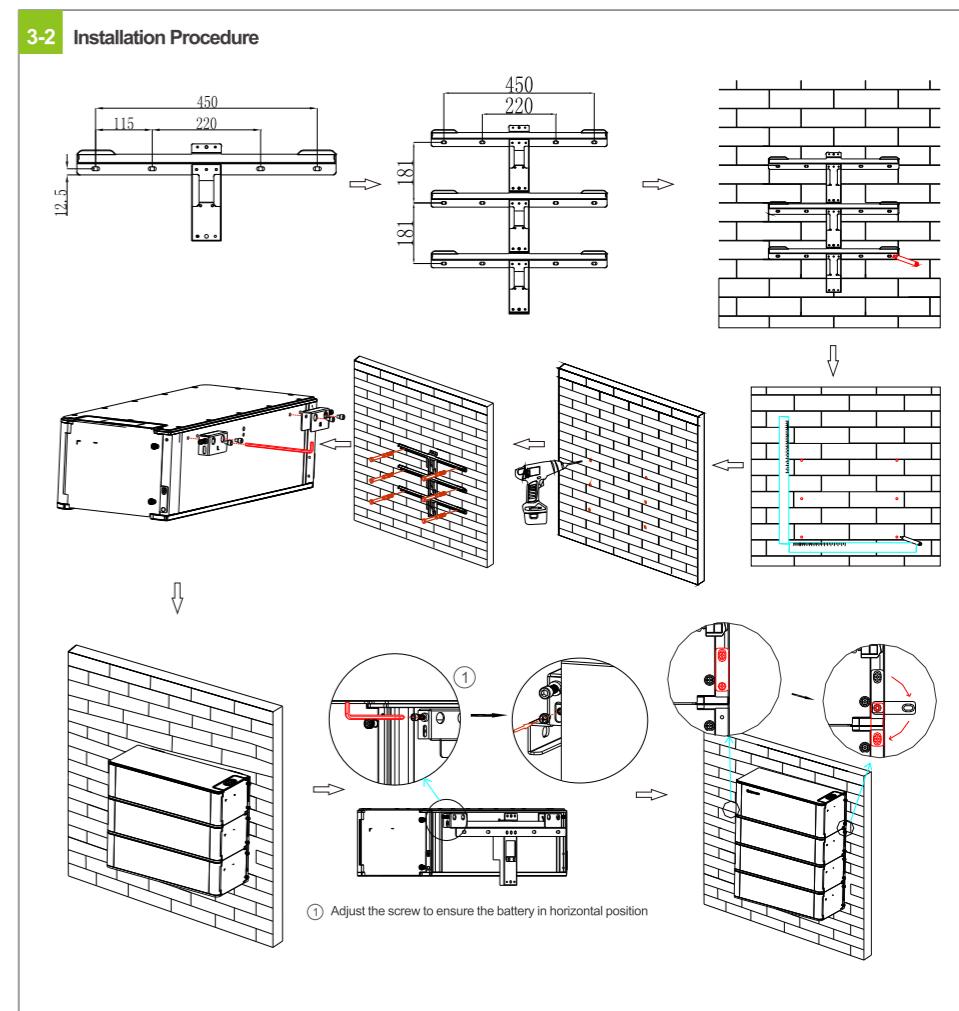
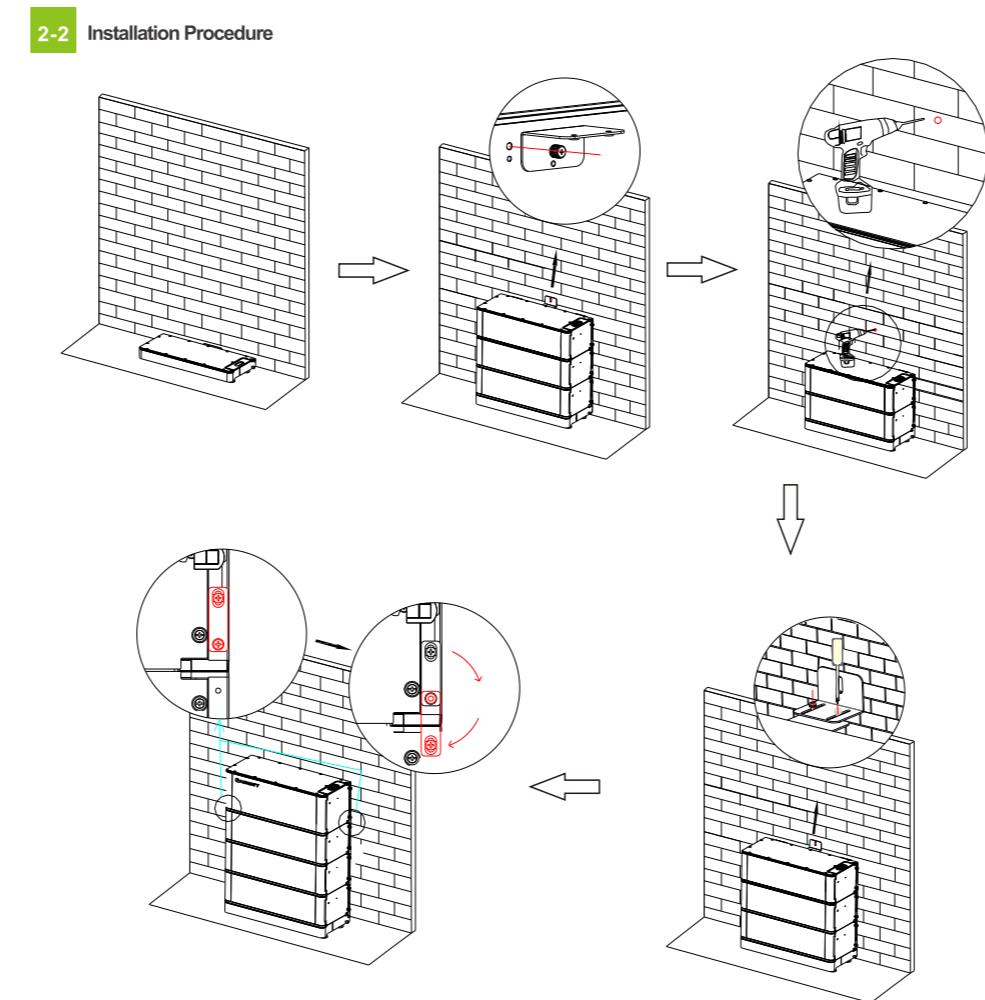
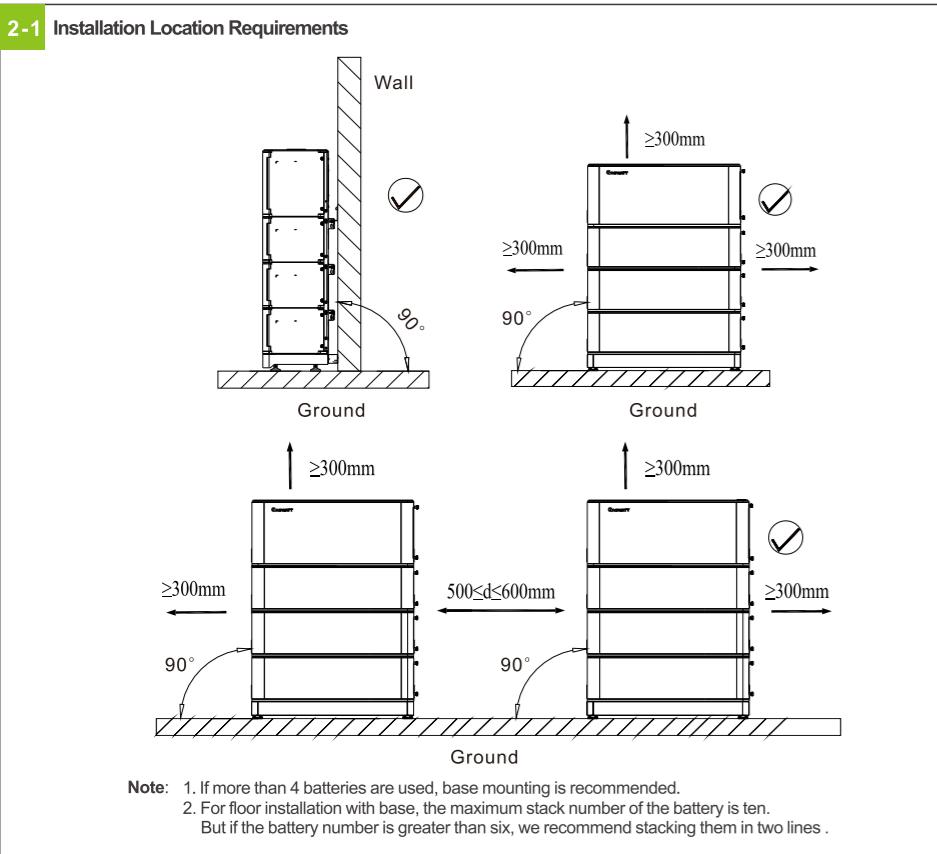
## 1-2 Check ARK 2.5H-A1 List



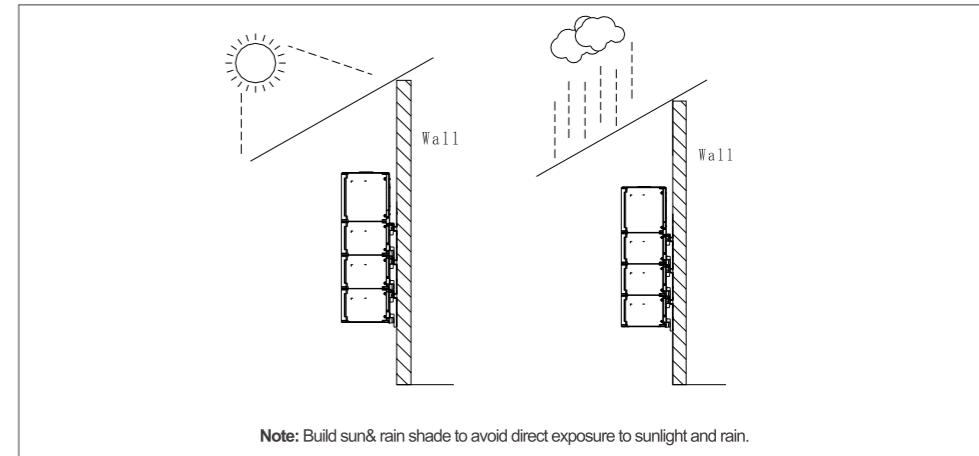
Serial cable\*1



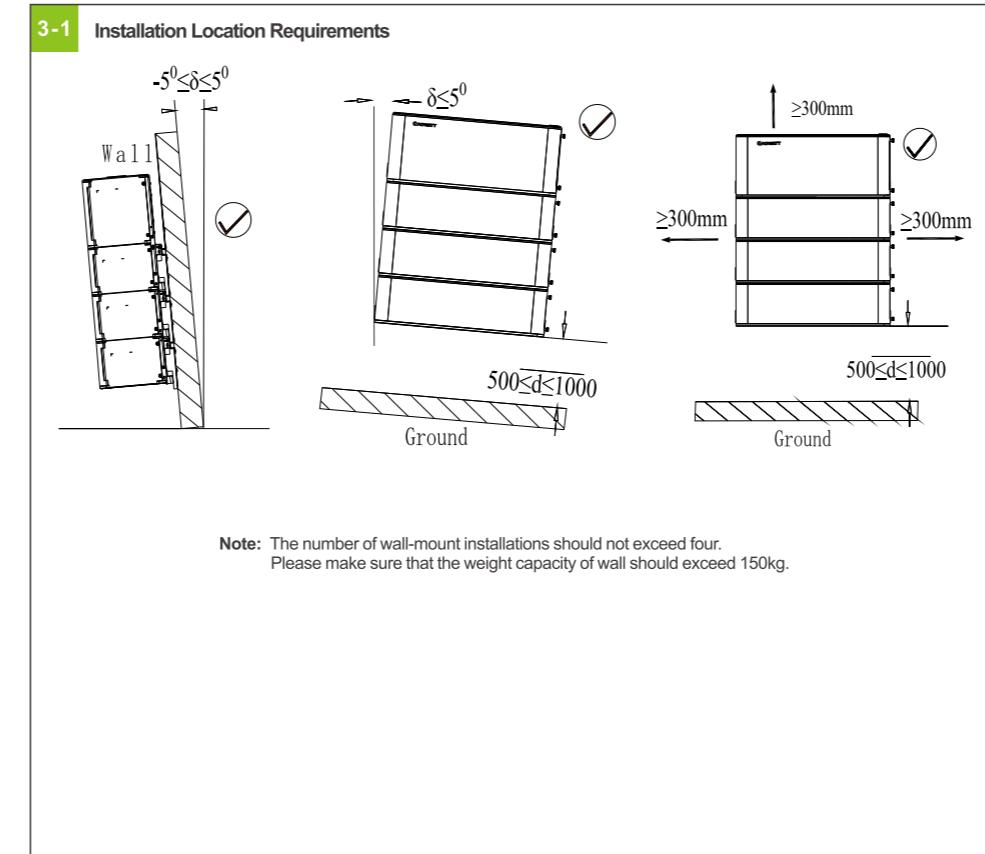
## 2. Floor installation with base



## 4. Install Environment



## 3. Wall-Mounted Installation Process



## 5. Wire Connection

