

All-in-One Residential Energy Storage System

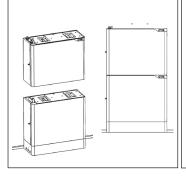
Powermate A3.68/A4.6/A5/A6

1 Installation

1.Place the base against the wall and keep the base is aclinic. Place the first battery pack on top of the base. The four positioning holes at the bottom of the first battery pack should be aligned with the positioning pins, as shown below:



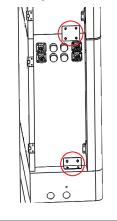
3.Install 4 pins on the upper cover of the first pack as shown in the figure below. The four positioning holes at the bottom of the second battery pack should be aligned with the positioning pins:



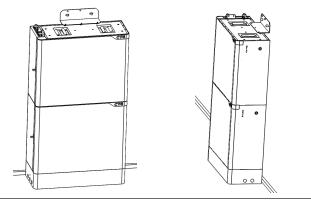
2. Move the pack to keep the distance between the back of the pack and the wall is 38mm, You can use the tools we provide for measurement as shown below:



4.Connect the first battery to the second battery and the battery to the base with a I-shaped bracket and a L-shaped bracket.



5.Install the L-shaped bracket and keep the bracket attach to the wall, as shown below:



6.Install the T-shaped bracket, mark the following five holes that we will drill with a marker and then remove the T & L shaped brackets.

8.Install the sytstem box and lock the

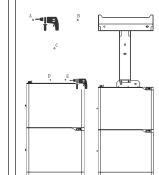
sytstem box to the pack with 4 pieces

of M5×10 screws, as shown in the

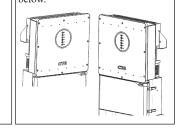
6

figure below:

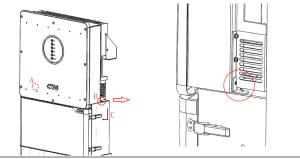
mark e will emove $7.Use a 14\varphi$ drill bit to drill the hole A,B and C. Use a 12 φ drill bit to drill the hole D and E.Install the 5 expansion screws of the T & L shaped bracket.



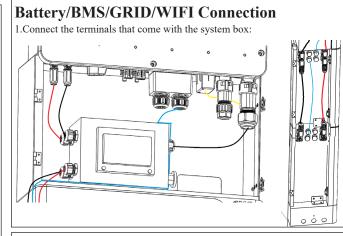
9.Install the inverter according to the method shown in the figure below. Keep the front panel of the inverter flush with the system box below.



10.Connect and fix the L-shaped brackets at position A and B of the inverter to the system box.Install the WIFI antenna.As shown below:

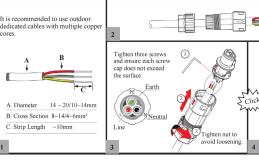


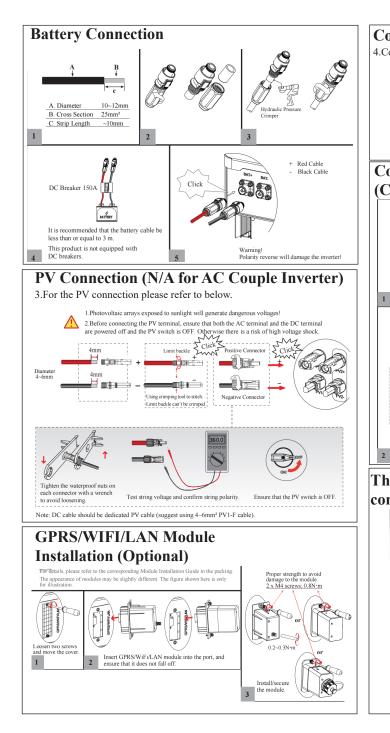
2 Electrical Connection

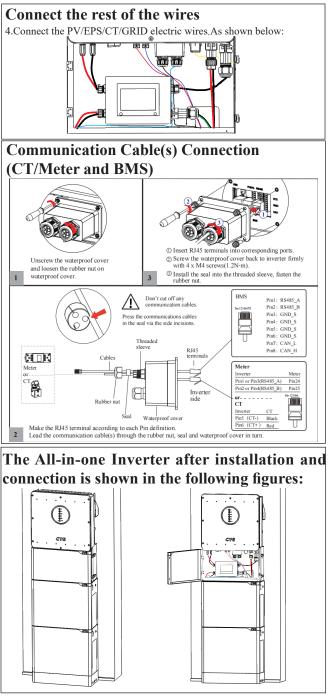


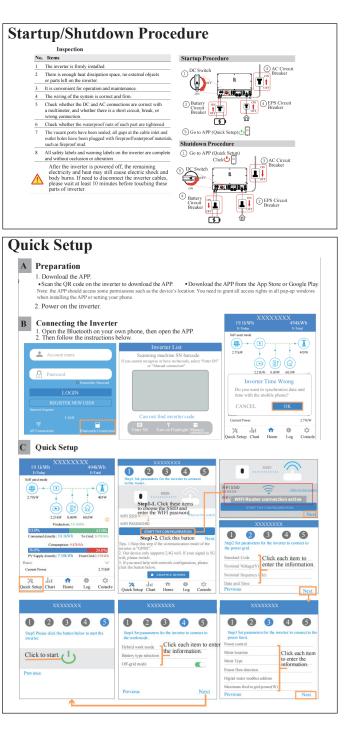
Grid/EPS Connection

2.Before connecting the GRID/EPS terminal, ensure that both the AC terminal and the DC terminal are powered off and the PV switch is OFF. Otherwise there is a risk of high voltage shock.









Display							
		LED	Status	Description	LED	Status	Description
		PV BAT	On	PV input is normal.	СОМ	Bink	Data are communicating.
			Blink	PV input is abnormal.		Off	No data transmission.
۲	PV		Off	PV is unavailable.	EPS	On	EPS power is available.
١	BAT		On	Battery is charging.		Blink	EPS output is abnormal.
۲	grid		Blink	Battery is abnormal.		Off	EPS power is unavailable.
۲	EPS		Off		ALARM	On	Fault has occurred and inverter
۲	COM		Off	Battery is unavailable.			shuts down.
	ALARM		On	GRID is available and normal.		Blink	Alarms has occurred but inverte doesn't shut down.
		GRID	Blink	GRID is available and abnormal.		Off	No fault.
			Off	GRID is unavailable.		I	

Cloud setting

When using the WiFi or LAN module, you need a cloud account for inverter's networking monitoring. And bind the inverter to the cloud account. The inverter's operational data will be uploaded to the cloud account after it is grid-tied. You can skip the registration step when you have registered a cloud account before.

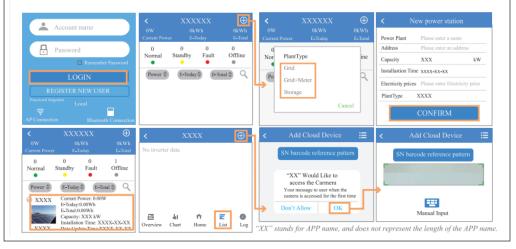
- 1. Register a cloud account
- a. Click Register New user.
- b. Click each item to enter the corresponding informations then click GET.

c. You will receive the registration mail. Enter the verification code from the mail. Then click REGISTER to activate your account and finish the registration process.

- 2. Add inverter to cloud account
- a. Login App with your cloud account. Click "+" and select
- a PlantType to add the power station.
- b. Enter power station information then click CONFIRM.

Account name	Account name				
Passowrd	Password				
Remember Password	Please enter your e-mail address (UTC+1:00) Berlin, Paris, Rome				
LOGIN					
REGISTER NEW USER	Please enter the verification code GET				
word forgotten	REGISTER				
Connection Bluetooth Connection	RETURN				

c. Select the power station you added, go to List page, and click "+" to scan the serial number barcode at the safety label on the machine to add inverter.



Wiring System Single phase parallel connection mode-Scheme (N≤5)

