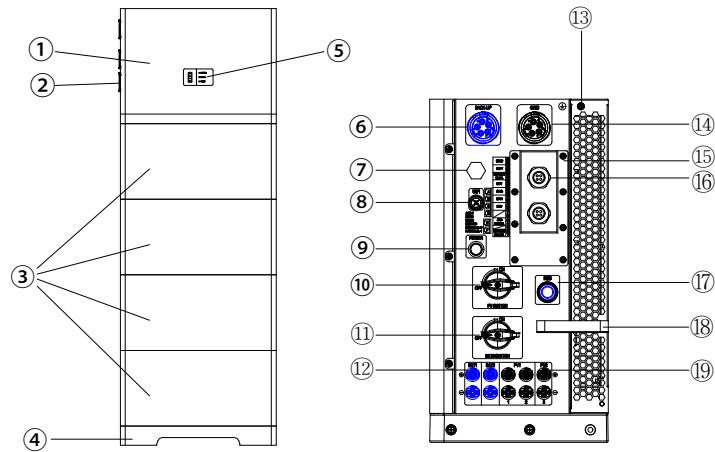


1. Product Presentation

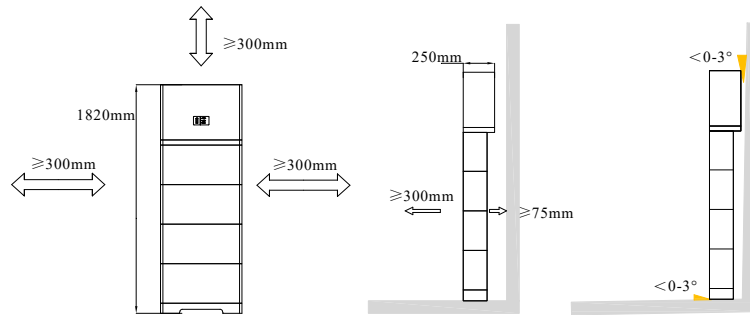


- ① Inverter
- ② External Fan
- ③ Battery Pack
- ④ Base
- ⑤ Indicator Light
- ⑥ BACK-UP Connector
- ⑦ Waterproof Cent Valve
- ⑧ WIFI Connector
- ⑨ POWER Switch
- ⑩ PV Switch
- ⑪ BAT0 Switch
- ⑫ BAT1 BAT2 Connector
- ⑬ Protection Earth (PE)
- ⑭ GRID Connector
- ⑮ Communication-port waterproof Cover
- ⑯ Waterproof Lock
- ⑰ RSD Switch Or Waterproof Stopper
- ⑱ Handrail
- ⑲ PV1 PV2 Connector

2. Product Installation

2.1 Installation environment

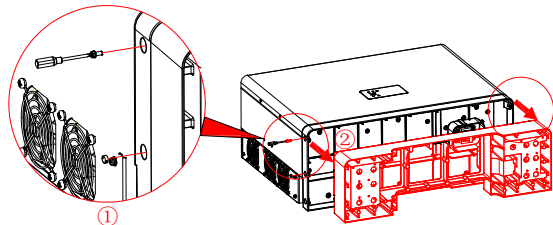
When installing the product, please check that the installation environment conforms to the installation.



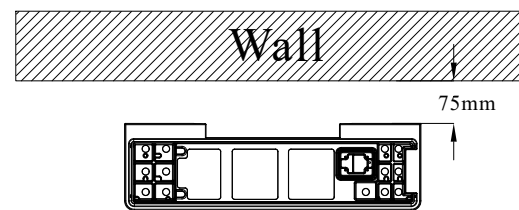
Note:
The battery module weighs 52kg(114.64lbs perunit), requiring more than two adults to carry the stack to avoid damage.

2.2 Place the base

Step1: Remove the inverter and the base module from the carton and place them side by side.

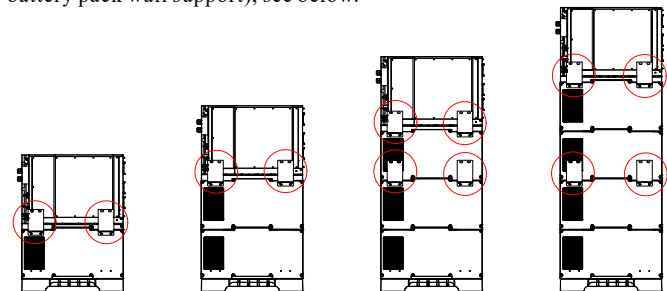


Step 2: Place the base parallel to the wall, and the base should be 75mm away from the wall.

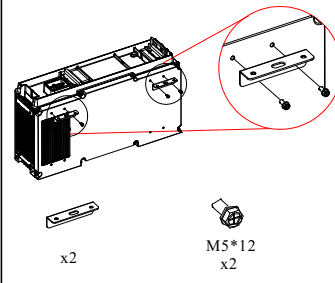


2.3 Install the battery module

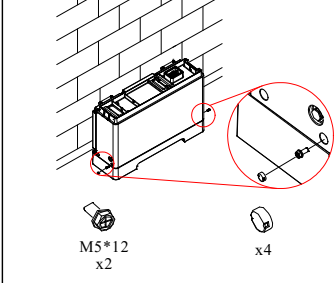
For recommended installation components (battery pack angle support + battery pack wall support), see below.



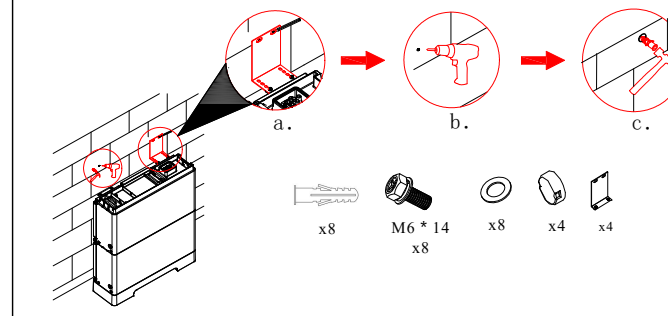
Step1: Install the battery retaining screws.



Step2: Fixed with the installed battery module.

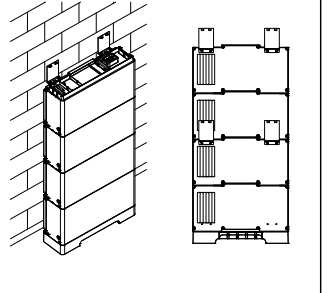


Step3: Reference the first battery module to stack the second, install the L bracket.



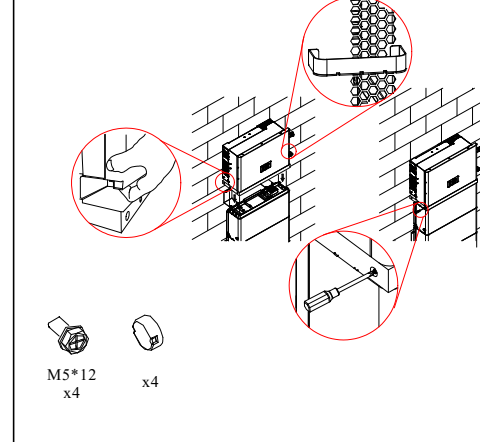
- a. Fixed L-type stent, tracing point.
- b. According to the location of the transfer hole, use the $\varnothing 10$ drill bit, depth 40mm (1.57 in), marking the hole.
- c. Into the expansion pipe. Add a large flat pad before locking the self-tapping.

Step4: Stack all of the battery modules.

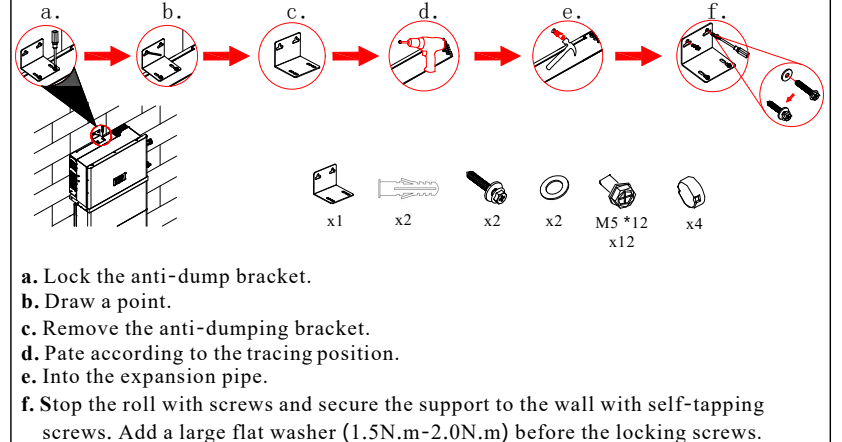


2.4 Stack all of battery modules

Step1: Stack all of the battery modules.



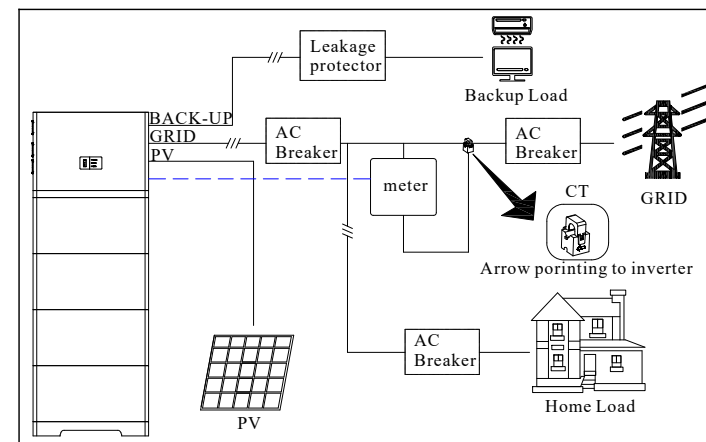
Step2: Install the anti-dumping bracket.



- a. Lock the anti-dump bracket.
- b. Draw a point.
- c. Remove the anti-dumping bracket.
- d. Pate according to the tracing position.
- e. Into the expansion pipe.
- f. Stop the roll with screws and secure the support to the wall with self-tapping screws. Add a large flat washer (1.5N.m-2.0N.m) before the locking screws.

3. Electrical connection

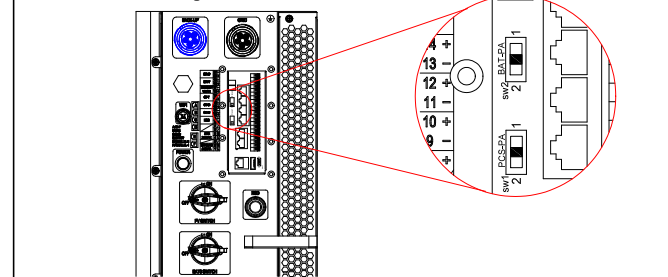
3.1 Electrical connection



Cable name	Inverter power segment	Recommended line number
PV wire	5kW~15kW	12AWG(3.332mm ²)
	5kW~6kW	12AWG(3.332mm ²)
GRID wire	8kW~10kW	10AWG(5.26mm ²)
	12kW~15kW	8AWG(8.37mm ²)
BACK-UP wire	5kW~15kW	10AWG(5.26mm ²)
DC wire	5kW~15kW	8AWG(8.37mm ²)
PE wire	5kW~15kW	12AWG(3.332mm ²)

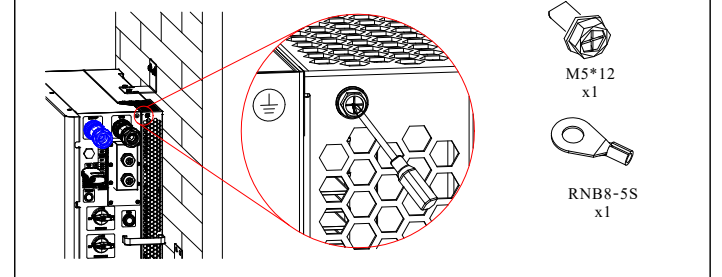
3.2 Pre-wiring

Before connecting cables, check whether the dip switch PCS-PA is set to 1 and the dip switch BAT-PA is set to 2.

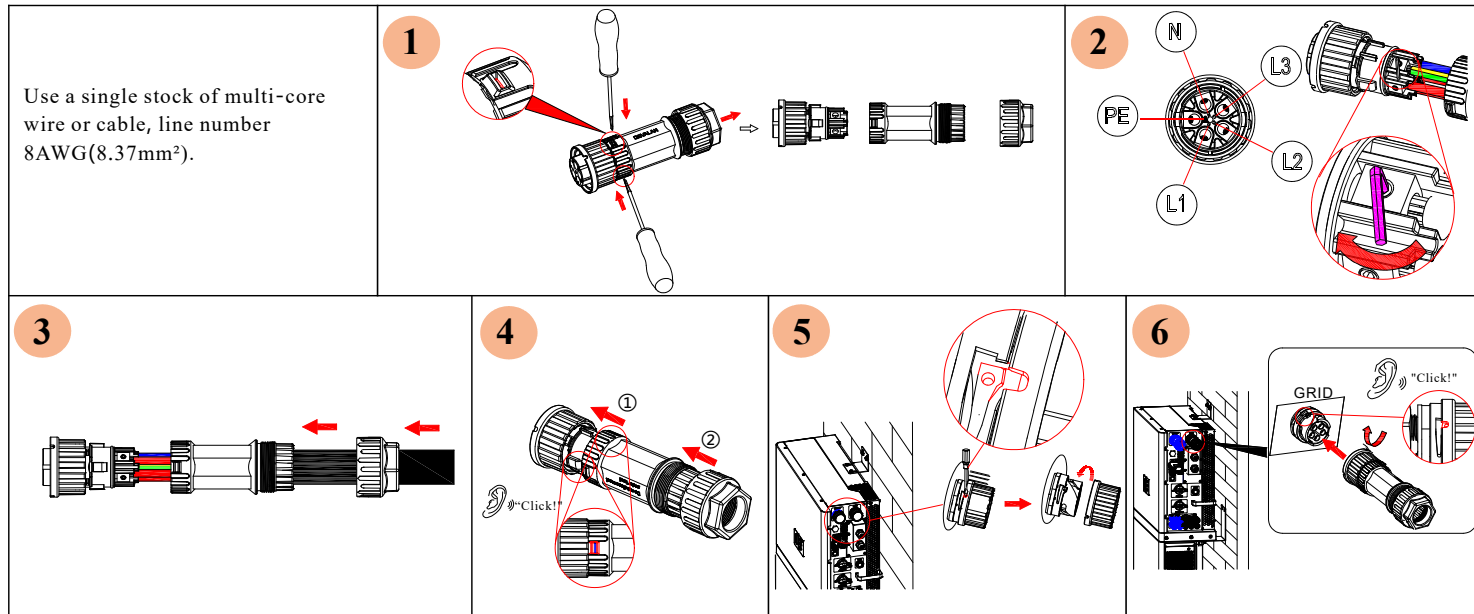


3.3 Grounding

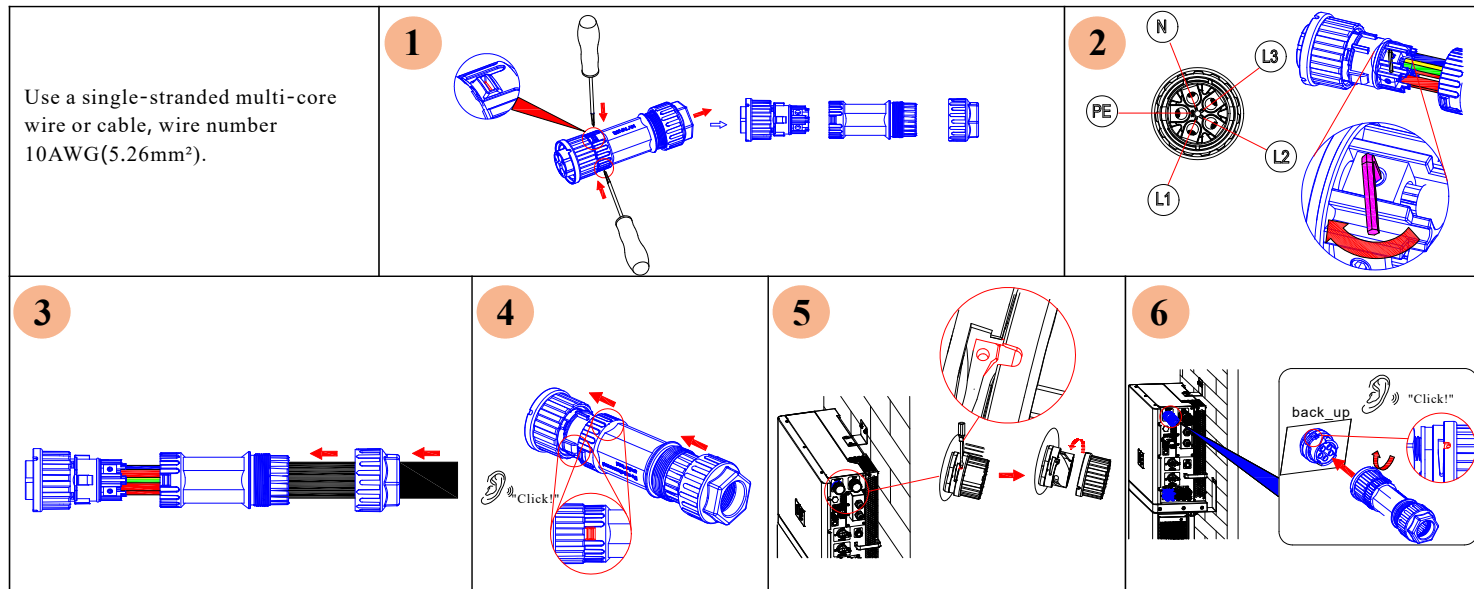
Connect the housing ground wire. Recommended for line number 12AWG(3.332mm²).



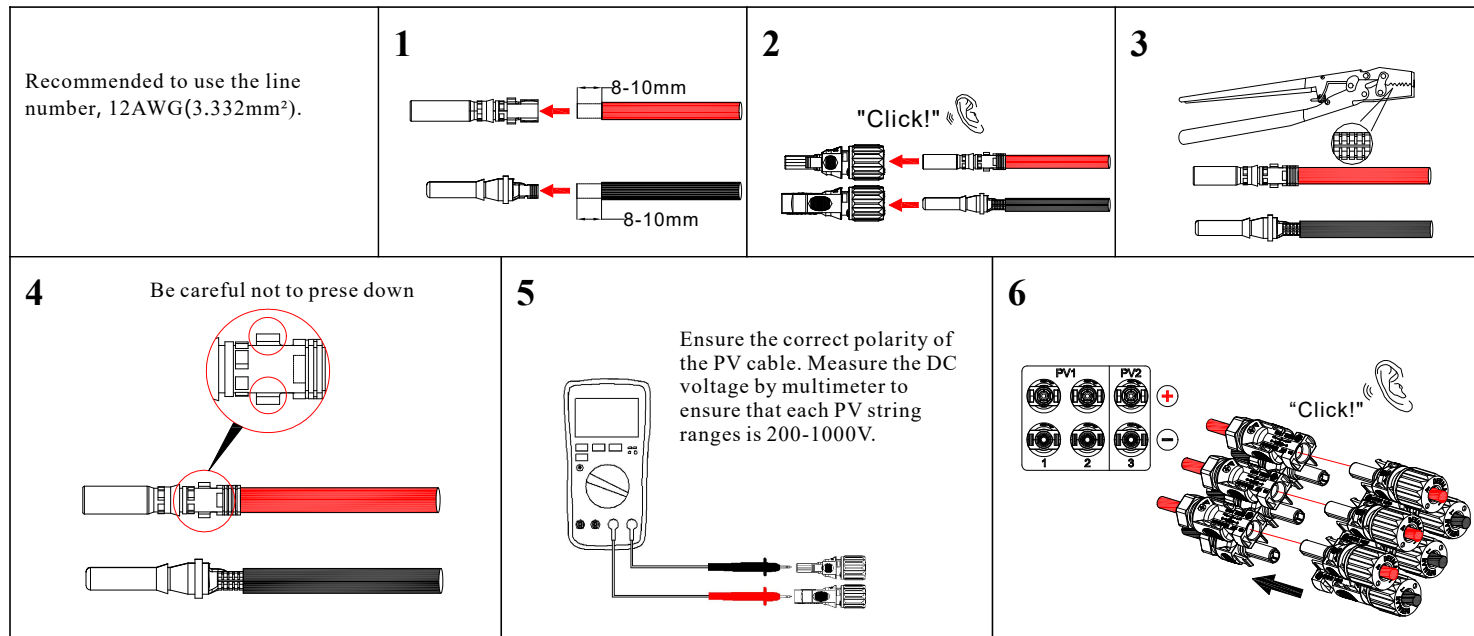
3.4 GRID wiring



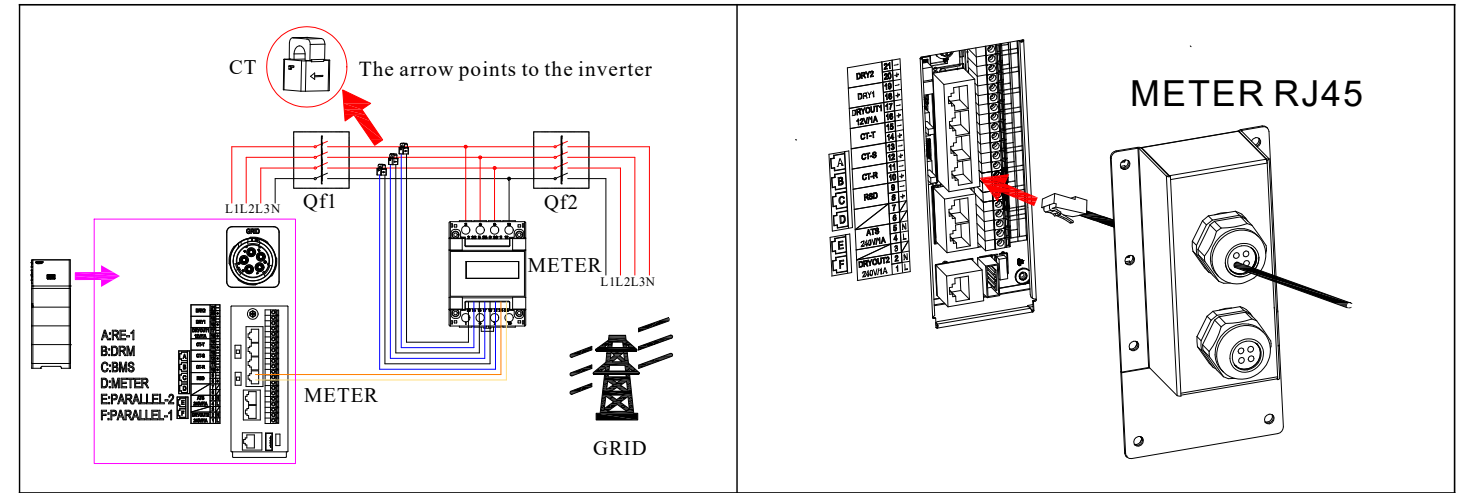
3.5 BACK-UP wiring



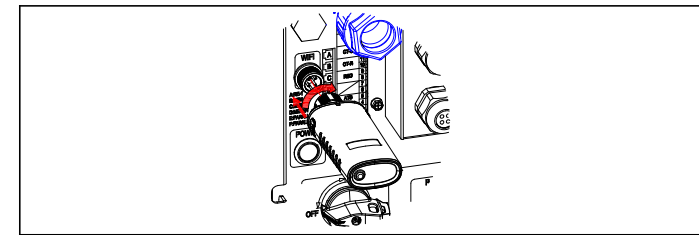
3.6 PV wiring



3.7 Electricity meter



3.8 WIFI collector access

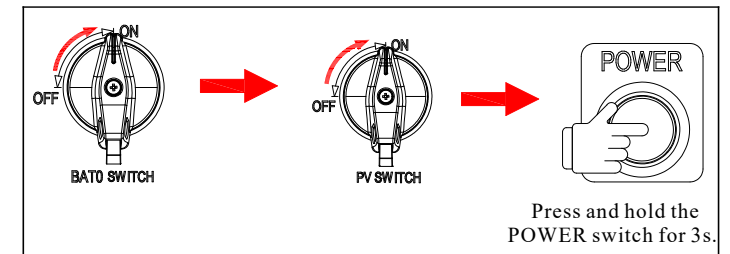


4. Equipment on electricity

4.1 Check the equipm before the power-on

- Before power on, please make sure all of the voltage and current are in the range of specification of hybrid inverter. Otherwise it will be damage to hybrid inverter:
1. Check and confirm that all equipment has been installed and securely.
 2. Check if the PV switch is in the OFF state.
 3. Check that the BAT0 switch is in the OFF state.
 4. If there is an RSD switch, the RSD switch should be not pressed.
 5. The POWER switch is not pressed state.
 6. Check whether the grounding wire is correct in polarity and firmly connected.
 7. Check whether the AC cable has the correct polarity and the firm connection.
 8. Check whether the DC cable has correct polarity and firm connection.
 9. Check whether the communication cable is firmly connected.
 10. Check that the vacant terminals have been sealed.
 11. Check whether the polarity of the CT cable is correct and the arrow on the CT points to the inverter. Or whether the electric meter is connected correctly.
 12. All safety signs and warning labels are firmly attached and clearly visible.
 13. Before connecting cables, check whether the dip switch PCS-PA is set to 1 and the dip switch BAT-PA is set to 2.

4.2 Equipment on electricity



4.3 Device power-on indicator status

Indicator	Status	Condition
● POWER	Often bright	normal operation condition
● COMM	Often bright	The WIFI collector is successfull connected to the network
○ FAULT	Crush out	normal condition
④	Light ④	75% ≤ SOC ≤ 100%
③	Light ③	50% ≤ SOC ≤ 75%
②	Light ②	25% ≤ SOC ≤ 50%
①	Light ①	0% ≤ SOC ≤ 25%