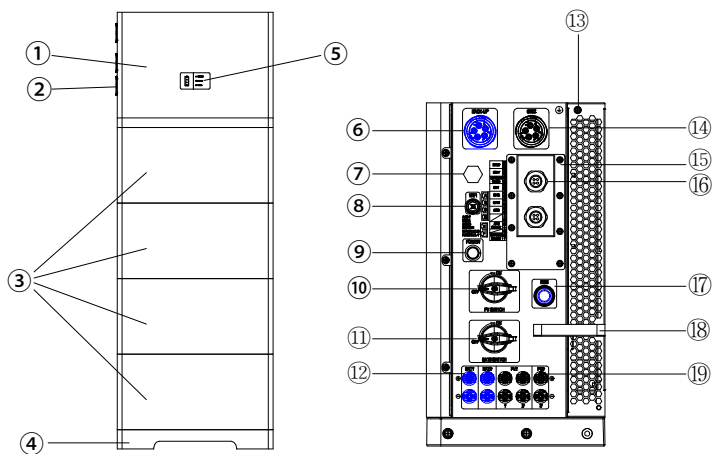


1. Product Presentation



- 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(4mm²)
GRID wire	5kW~6kW	12AWG(4mm²)
	8kW~10kW	10AWG(6mm²)
	12kW~15kW	8AWG(8mm²)
BACK-UP wire	5kW~15kW	10AWG(6mm²)
DC wire	5kW~15kW	8AWG(8mm²)
PE wire	5kW~15kW	12AWG(4mm²)

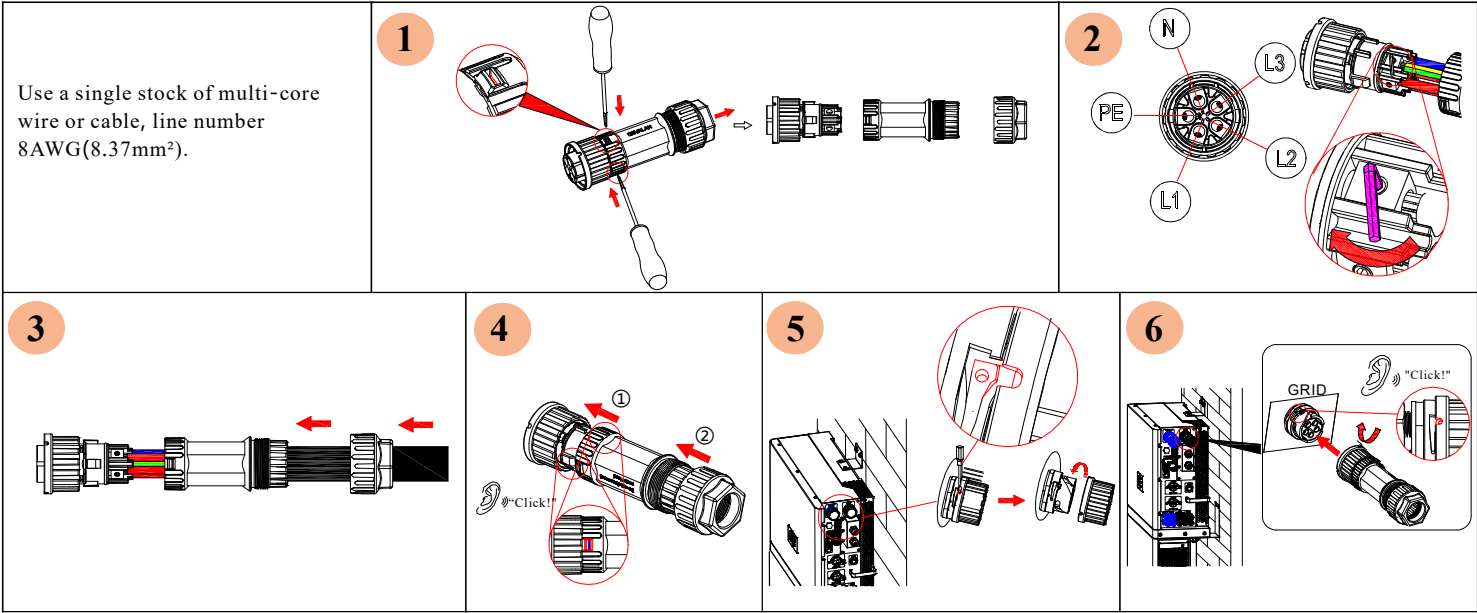
3.2 Pre-wiring

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

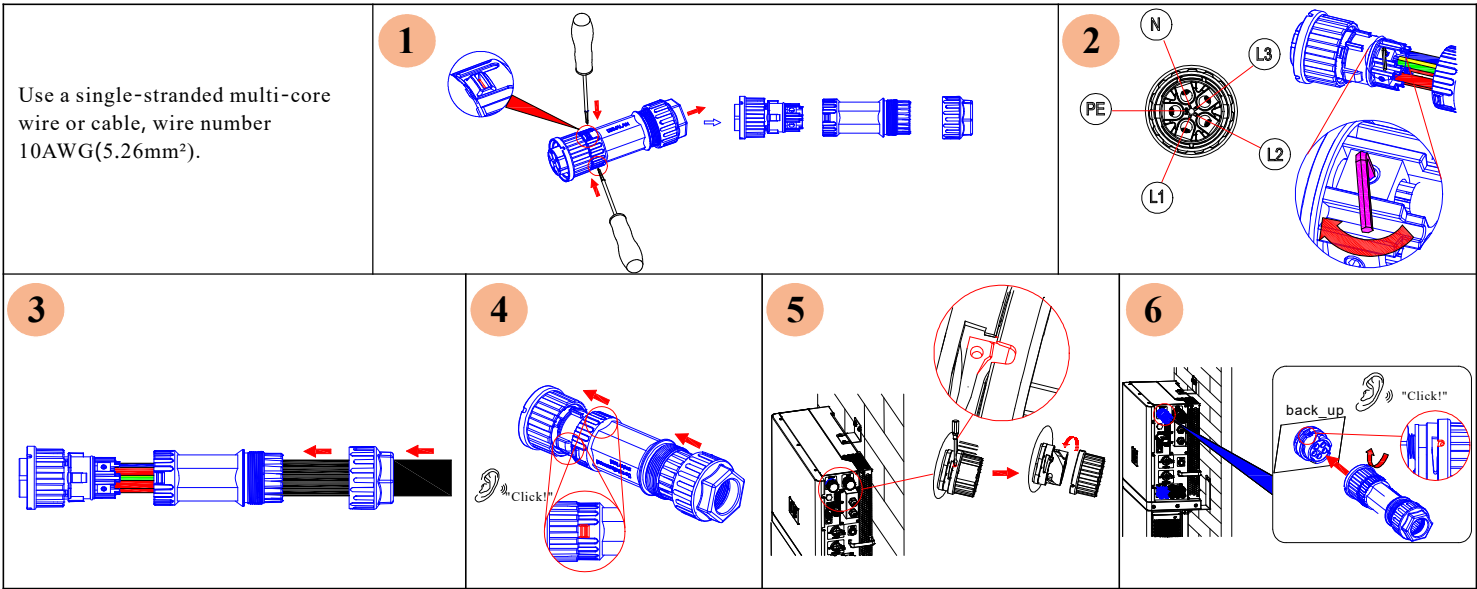
3.3 Grounding

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

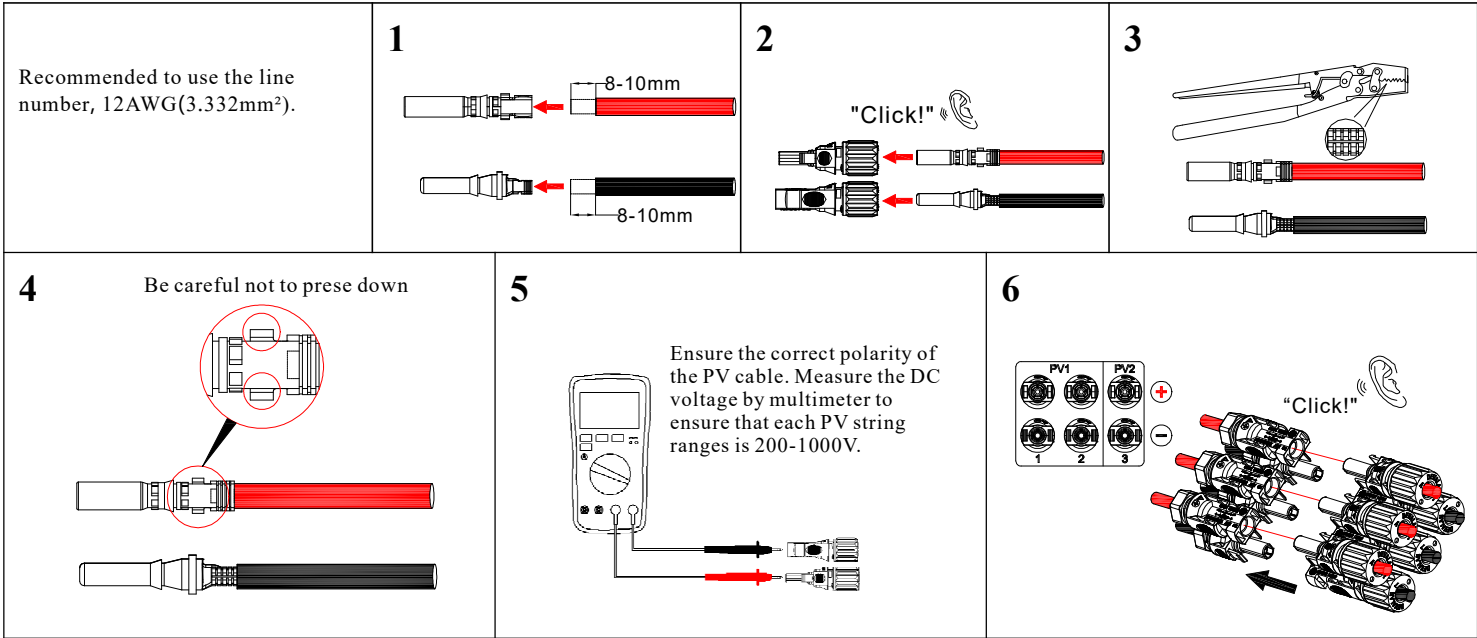
3.4 GRID wiring



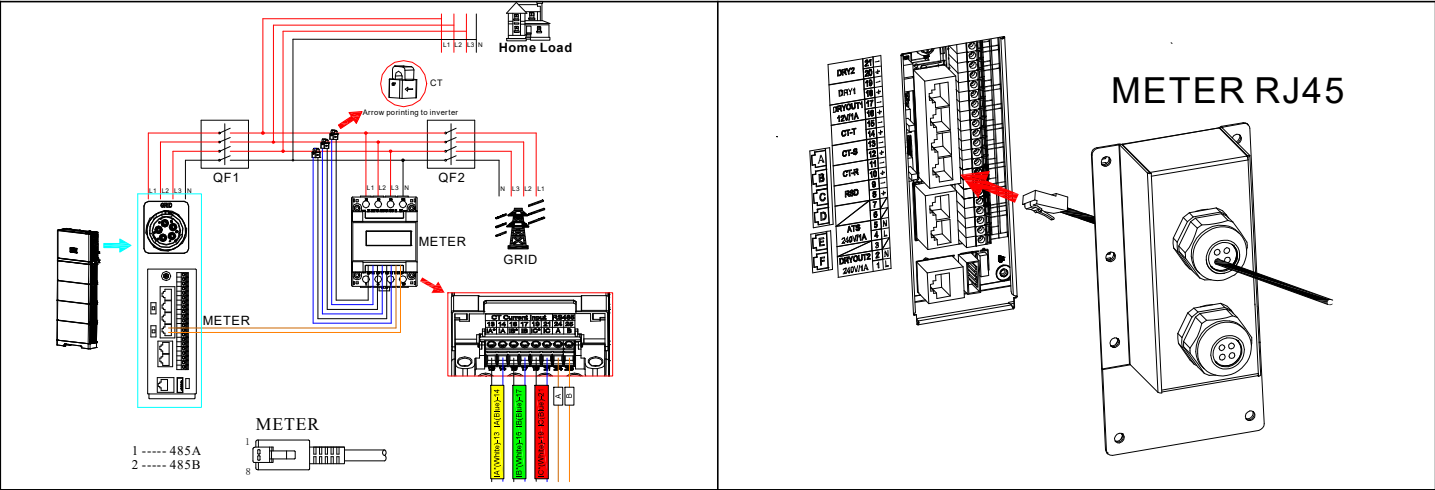
3.5 BACK-UP wiring



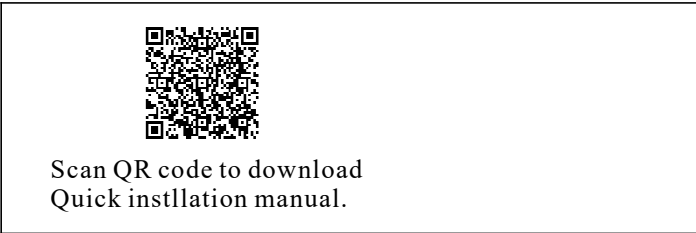
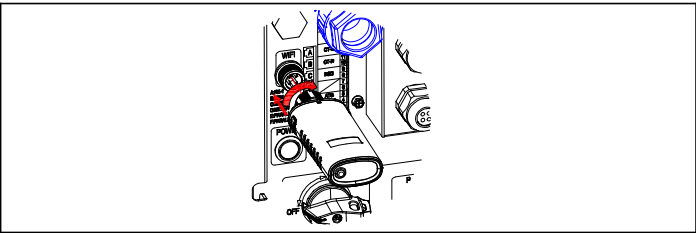
3.6 PV wiring



3.7 Electricity meter



3.8 WIFI collector access

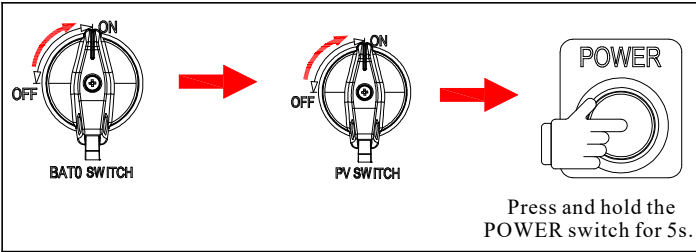


4. Equipment on electricity

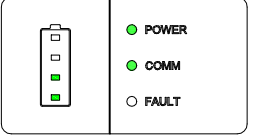
4.1 Check the equipm before the power-on

- 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 indicatorstatus

		
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%