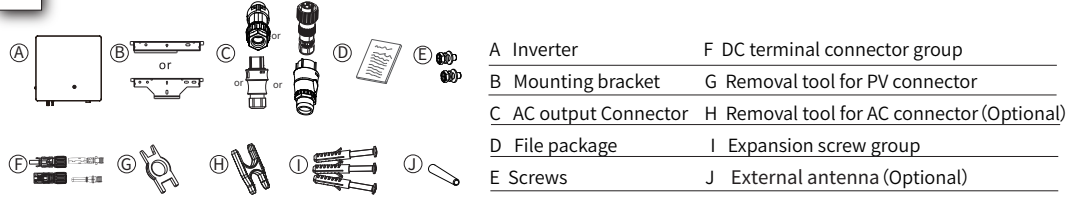


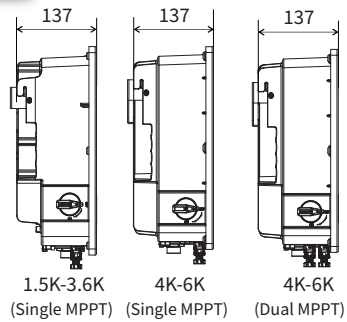
QUICK INSTALLATION GUIDE

Single-phase Grid-tied PV String Inverter
1.5K/2K/3K/3.6K/3.68K/4K/4.6K/5K/5.5K/6K

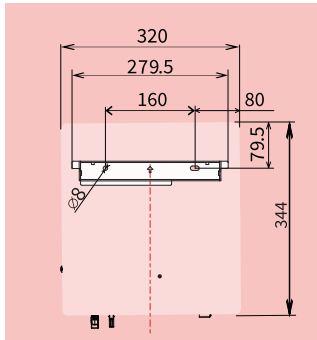
1 PACKAGE CONTENTS



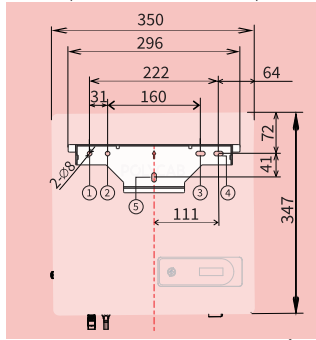
3 DIMENSIONS



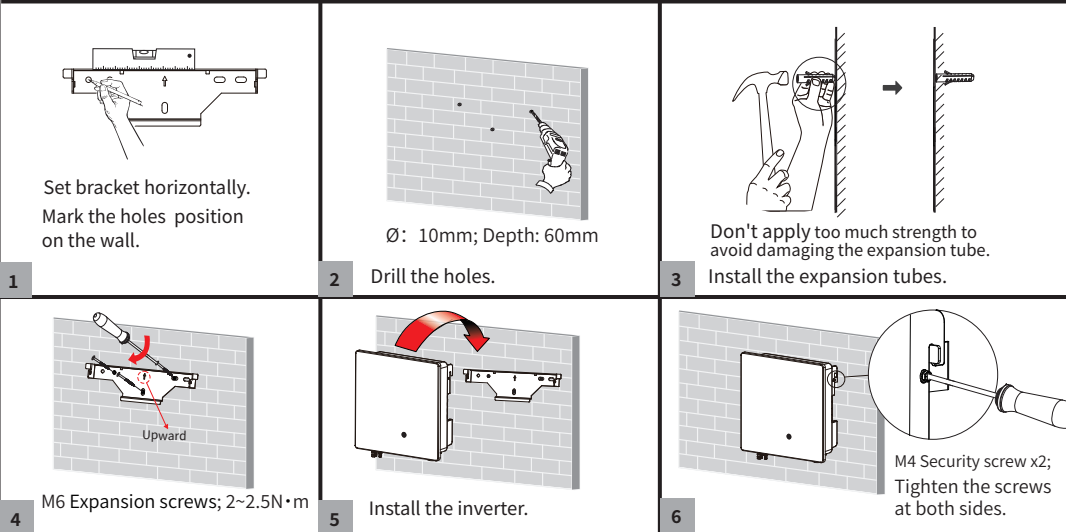
Type A bracket for 1.5K-3.6K



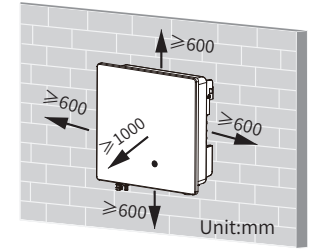
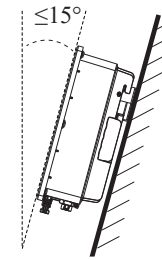
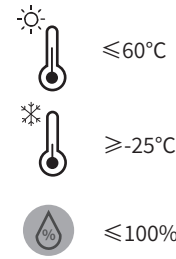
Type B bracket for 4K-6K
(Hole ①, ④, ⑤ or ②, ③, ⑤)



- ## 4 INSTALLATION
- The walls must be fireproof and non-flammable materials, otherwise there is a fire risk.
 - Before drilling holes, check whether there are electric power pipes or other pipes buried in the walls to avoid risks.
- Note: The following steps are only illustrated by the type B bracket.



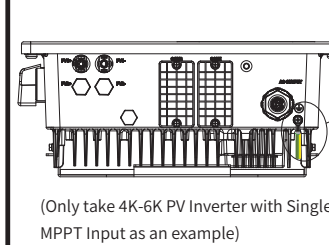
2 INSTALLATION LOCATION



5 GROUNDING



Ensure that inverter and all cables to be installed are completely powered off during whole installation and connection. Otherwise, fatal injury can occur due to the high voltage.



Items	Remark
Screw	M4*12mm; 1.2 N·m
OT Terminal	OT6-4
Green-yellow wire	S (Green-yellow wire) ≥ S (PE line of AC cable) S is the cross-sectional area.

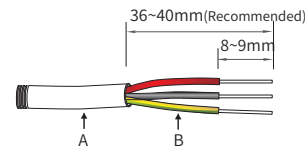
6 AC CONNECTION



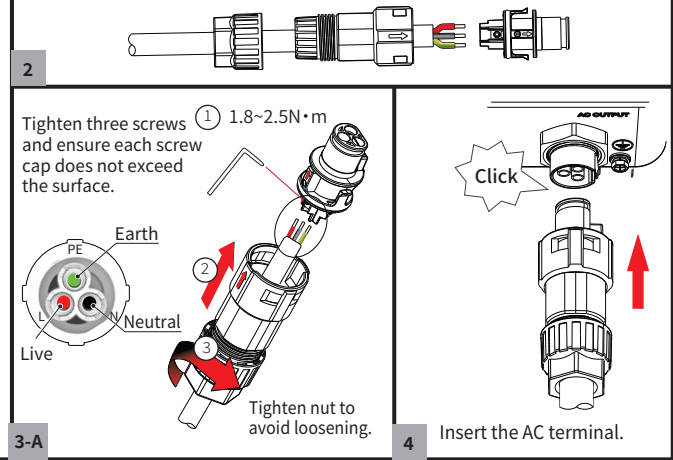
Before connecting the AC terminal, ensure that both the AC terminal and the DC terminal are powered OFF and the DC switch is OFF. Otherwise there is a risk of high voltage shock.

Note: There are four types of AC terminals. Please refer to the object in the delivery. **Type A** is in usual. Whether you use **type A, B, C** or **D**, tighten the waterproof nut to avoid loosening. Take **type A** as example in the following steps.

It is recommended to use outdoor dedicated cables with multiple copper cores.

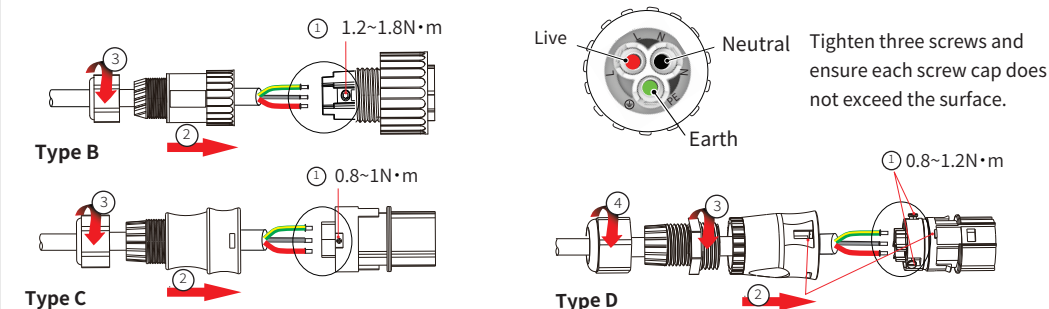


A	Diameter (mm)	10-14
B	Cross-Section (mm²)	≤4 (Range) 4 (Recommended)



The wiring process of **type B, type C, type D** are shown as below.

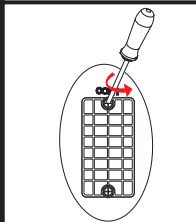
Note: Whether you use type A, B, C or D, tighten the waterproof nut to avoid loosening.



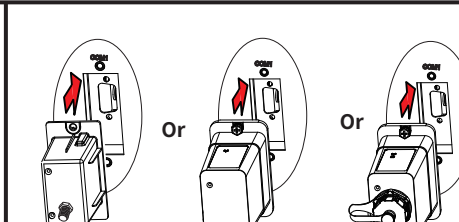
3-B/C/D

9 WIFI/GPRS/LAN MODULE INSTALLATION (OPTIONAL)

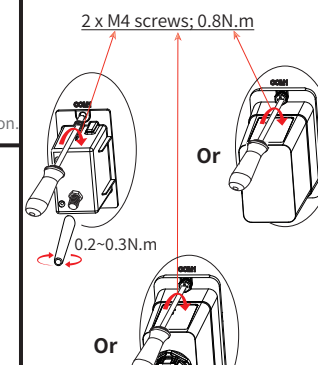
For details, please refer to the corresponding Module Installation Guide in the packing. The appearance of modules may be slightly different. The figure shown here is only for illustration.



1 Loosen two screws and move the cover.



2 Insert GPRS/WIFI/LAN module into COM port, and ensure that it does not fall off.

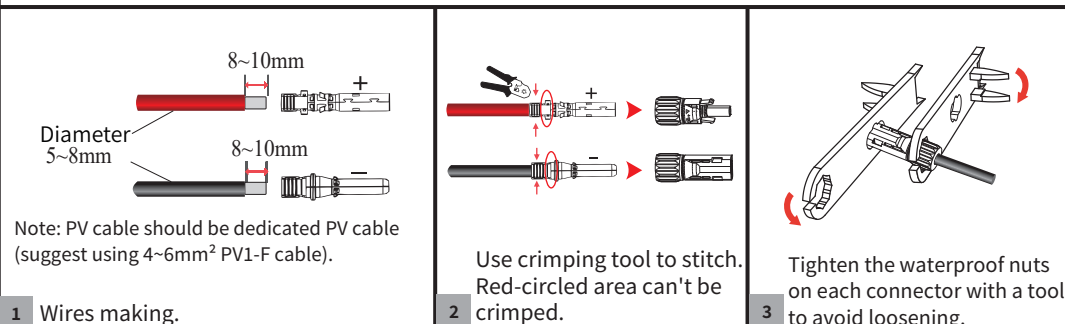


3 Install the module.

7 PV CONNECTION



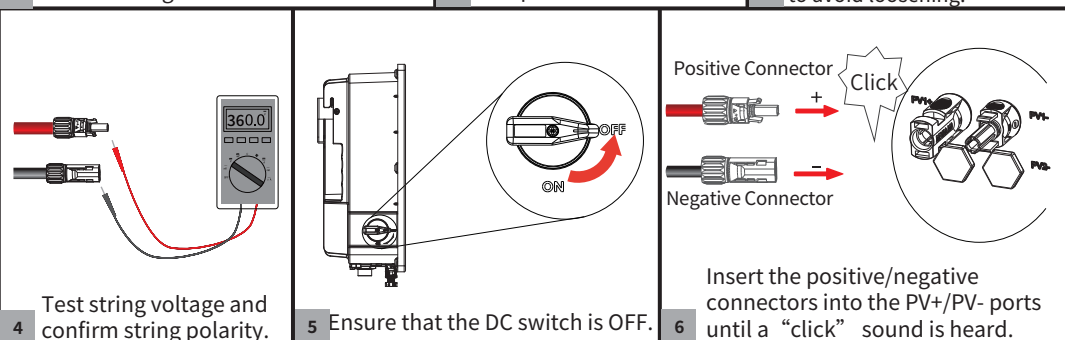
1. Photovoltaic arrays exposed to sunlight will generate dangerous voltages!
2. Before connecting the DC terminal, ensure that both the AC terminal and the DC terminal are powered OFF and the DC switch is OFF. Otherwise there is a risk of high voltage shock.



1 Wires making.

2 Use crimping tool to stitch. Red-circled area can't be crimped.

3 Tighten the waterproof nuts on each connector with a tool to avoid loosening.

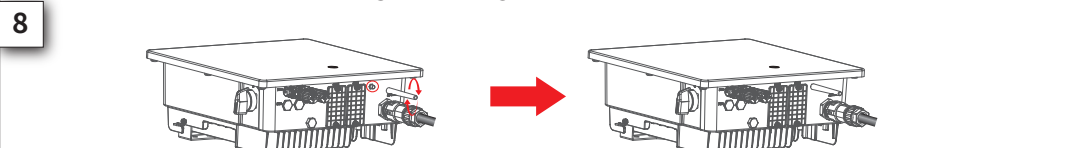


4 Test string voltage and confirm string polarity.

5 Ensure that the DC switch is OFF.

6 Insert the positive/negative connectors into the PV+/PV- ports until a "click" sound is heard.

8 EXTERNAL ANTENNA INSTALLATION



10 STARTUP / SHUTDOWN PROCEDURE

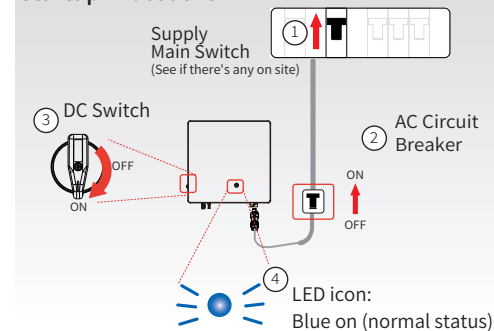
Inspection

No. Items

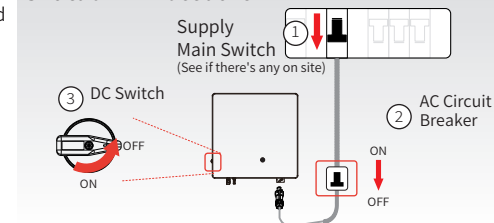
- 1 The inverter is firmly installed.
- 2 There is enough heat dissipation space, no external objects or parts left on the inverter.
- 3 It is convenient for operation and maintenance.
- 4 The wiring of the system is correct and firm.
- 5 Check whether the DC and AC connections are correct with a multimeter, and ensure there is no short circuit, break, or wrong connection.
- 6 Check whether the waterproof nuts of each part are tightened.
- 7 The vacant port has been sealed. All gaps at the cable inlet and outlet holes have been plugged with fireproof/waterproof materials, such as fireproof mud.
- 8 All safety labels and warning labels on the inverter are complete and without occlusion or alteration.

After the inverter is powered off, the remaining electricity and heat may still cause electrical shock and body burns. If need to disconnect the inverter cables, please wait at least 10 minutes before touching these parts of inverter.

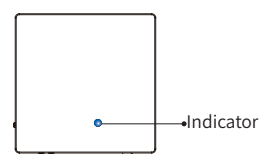
Startup Procedure



Shutdown Procedure



11 DISPLAY



Indicator	Status	Description
Red	On	Inverter is abnormal.
	Flash slow (1s)	AC is abnormal.
	Flash fast (0.25s)	Safety warning.
Blue	On	Inverter runs normally.
	Flash slow (1s)	Standby before normal status.
Green	On	Inverter power reduction.
Red/Blue/Green flash in rotation		Updating firmware or self-check.
Off		PV is unavailable.

As the technology is constantly updated and improved, the illustrations in this document are for reference only. Contents including illustrations in this document are subject to change without notice.