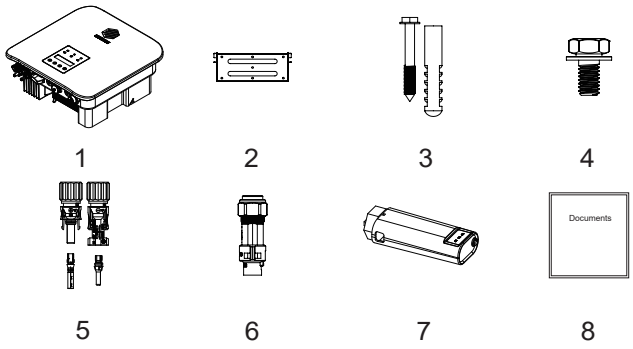
Quick Installation Guide
EES3-6K - M1

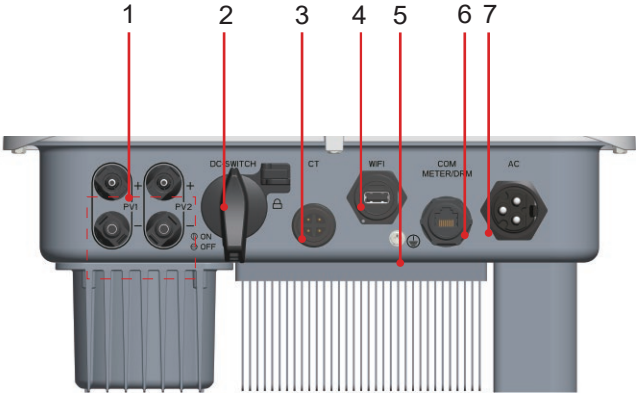
① Overview

1.1 Scope of Delivery



No.	Description	Quantity
1	Inverter	1
2	Wall Bracket	1
3	Expansion Screws	3
4	Fastening Screws	3
5	DC Connectors	2 Pairs
6	AC Connector	1
7	WiFi/GPRS Stick	1
8	Documents	1

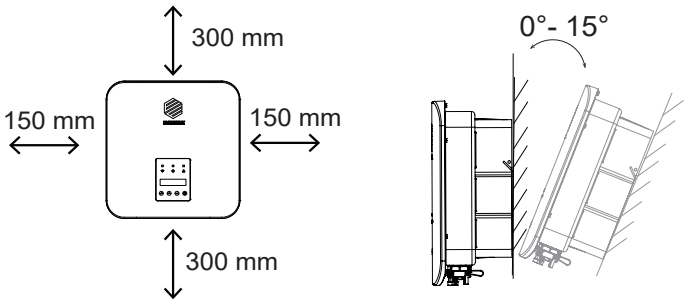
1.2 Port Description



No.	1	2	3	4	5	6	7
Name	PV Ports	DC Switch	CT Port	Wifi/ GPRS	Grounding Port	COM/ Meter /DRM	AC Port

② Mechanical Installation

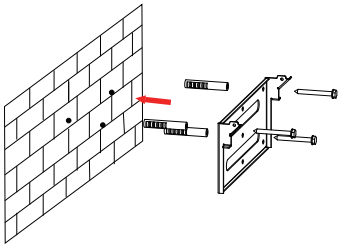
2.1 Installation Requirement



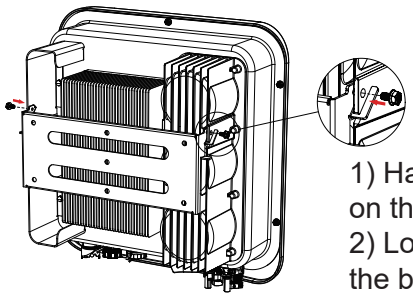
1) A minimum 150 mm clearance should be kept between two inverters and a minimum 300 mm clearance between inverters and the ground.
2) Install inverter vertically or with a backward tilt within 15°.

Warning
Do not select locations storing flammable material, which may cause fire or explosion!

2.2 Mounting

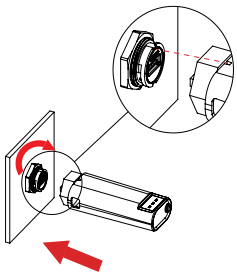


1) Drill 3 mounting holes of about 4 cm deep with a 10 mm drill bit
2) Insert expansion tubes into holes
3) Fix the bracket on the wall with screws



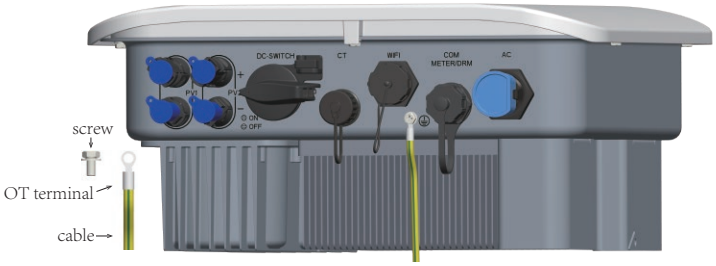
1) Hang the inverter on the bracket
2) Lock the inverter to the bracket with screws

2.3 Wifi/GPRS Stick Logger Installation



1) Plug the stick to the Wifi port on the inverter
2) Rotate the front operative part of the stick clockwise till the secure connection of the stick.

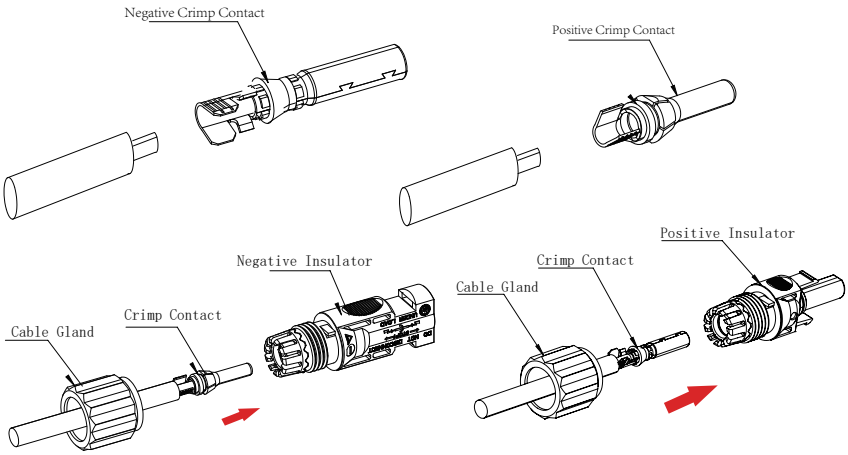
2.4 External Grounding Connection



1) Crimp a grounding cable to the OT terminal
2) Insert a fastening screw into the OT terminal
3) Insert them to the grounding port of the inverter
4) Screw them together(the torque is 2 N.m.).

③Electrical Connection

3.1 Assemble DC connectors

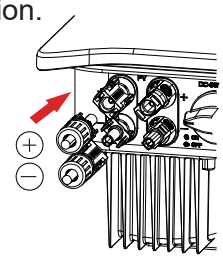


1) Strip off the DC Cable for a little length.
2) Insert the wire into the Crimp Contact and crimp them with an electrical crimp-er.

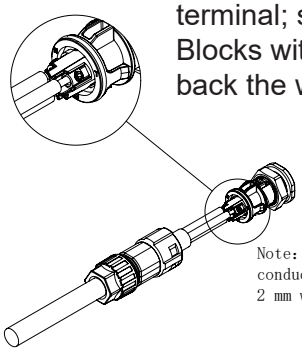
3) Thread the cable through the Cable Gland, insert it into the insulator, and gently pull back the cable to ensure firm connection.
4)Then screw up the Cable Gland to the Insulator.

3.2 Install DC connectors to Inverters

1) Turn the Grid Supply Main Switch OFF.
2) Turn the DC switch OFF.
3) Connect the DC connectors to the Inverter, small click confirms connection.



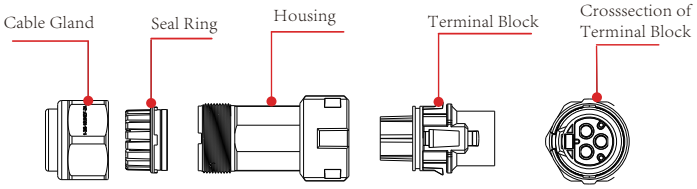
3) Connect wires to the Terminal Block:
insert yellow green wire to the grounding (PE) terminal, red or brown to live line (L) terminal and blue or black to zero line (N) terminal; screw up screws on the Terminal Blocks with socket head wrench and pull back the wires to ensure firm connection.



Note: Insert the wires to corresponding conductors inthe terminal block with a 2 mm wide socket head wrench

3.3 AC Side Connection of Inverters

1) Strip off the insulalation of AC cable about 8 to 15 mm.
2) Thread the AC cable through the Cable Gland, Seal Ring and the Housing.



4) Connect the Cable Gland, Seal Ring, Housing and Terminal Block together, a small click confirms secure connection.

5) Connect the AC connector to the inverter, a small click confirms connection.