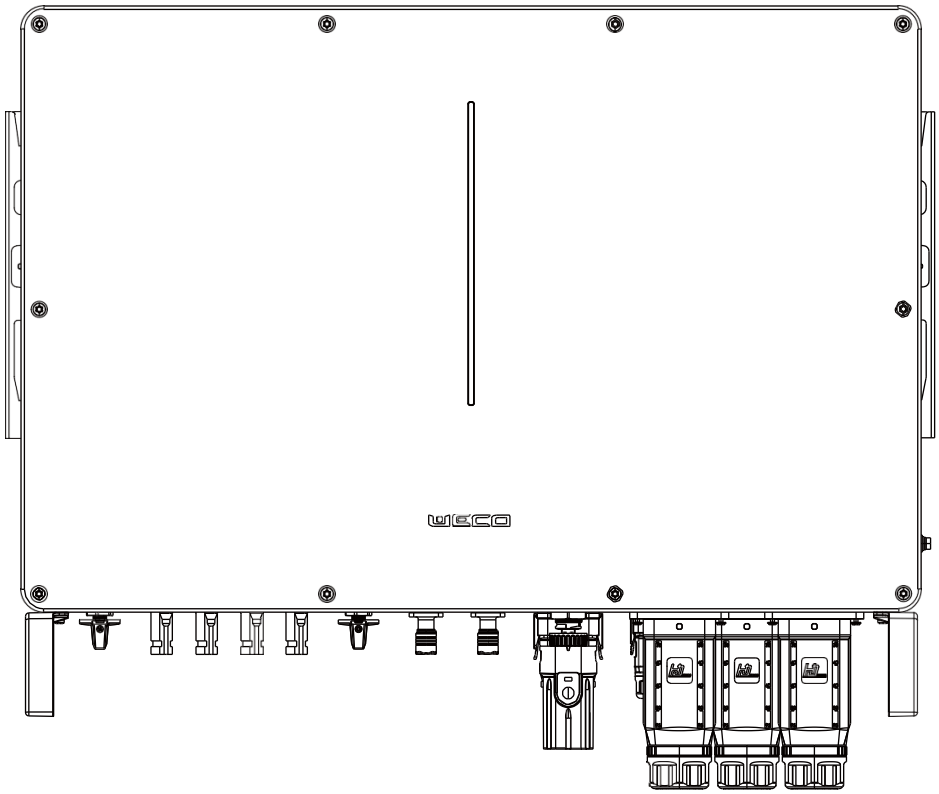
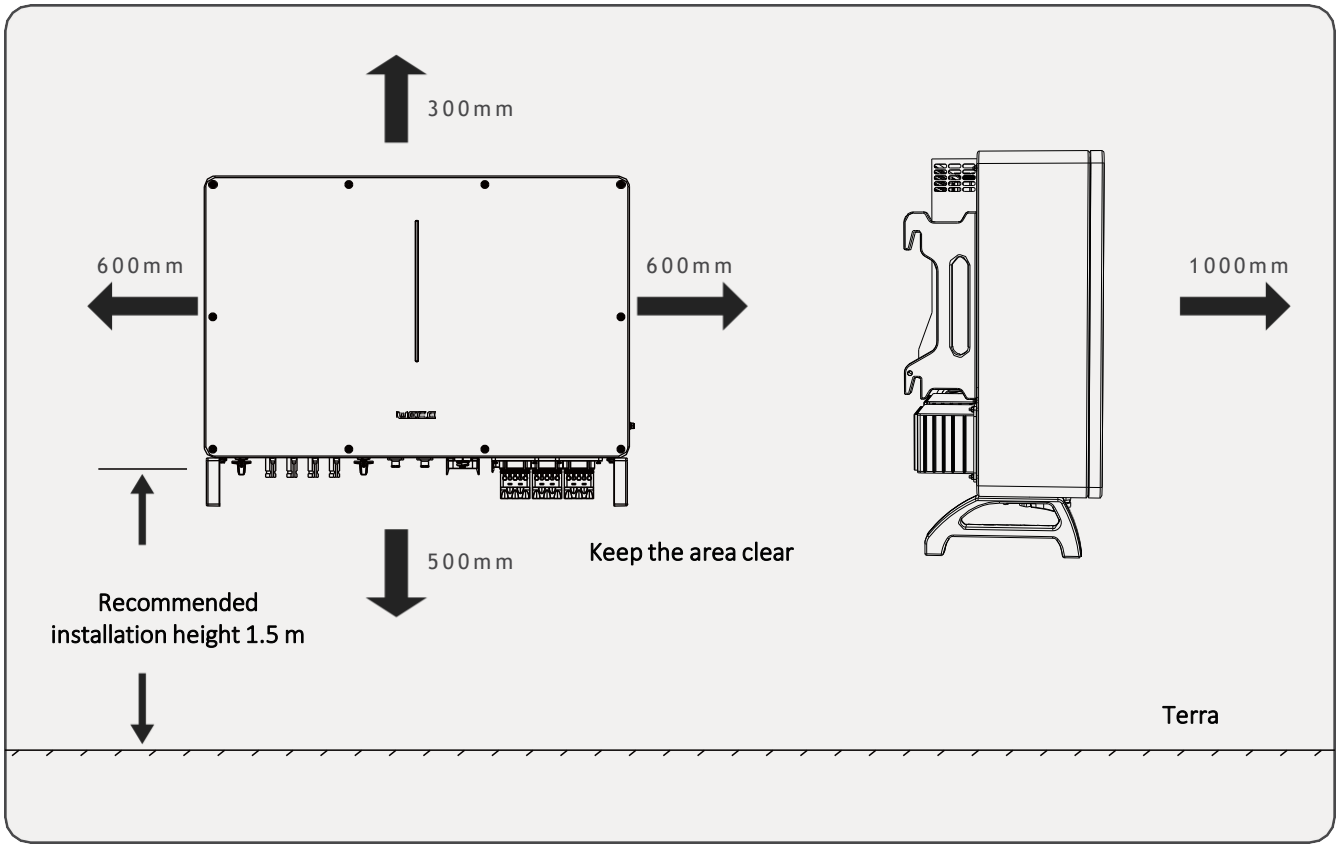


TK Series Inverter 20-50K

Quick Installation Guide

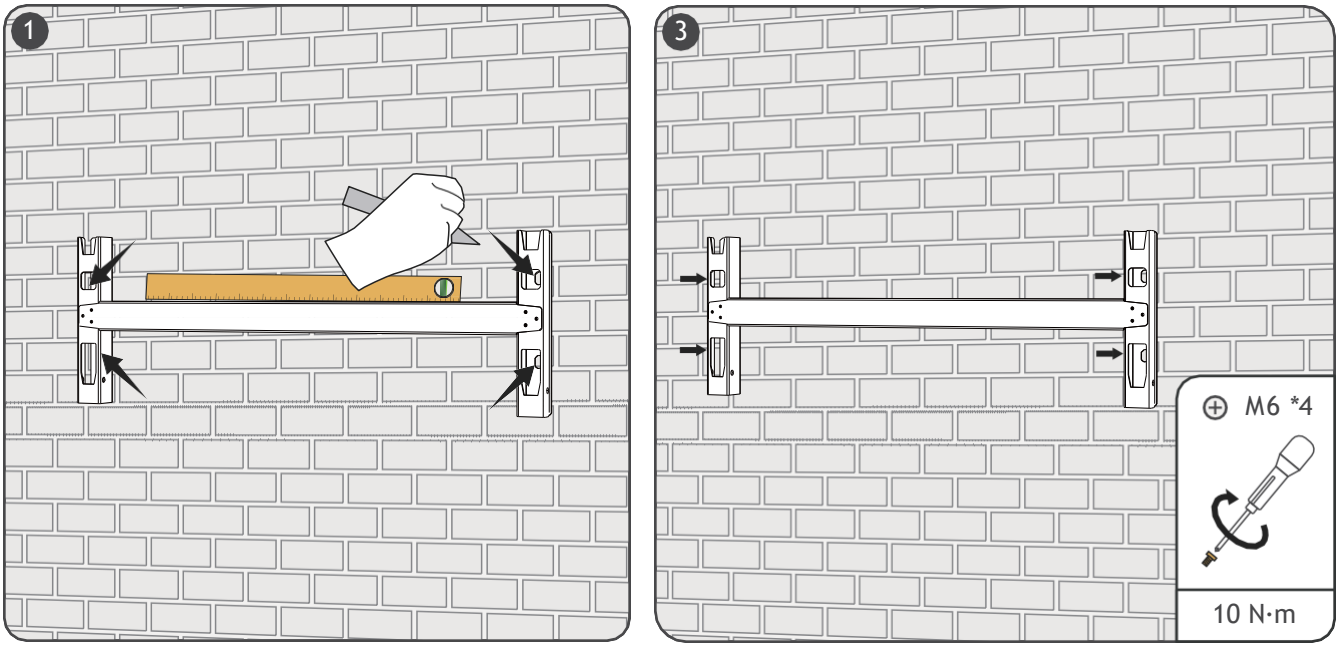
1 Installation requirements

When installing the inverter, a certain amount of space must be set aside around it to ensure that there is sufficient room for installation, maintenance and heat dissipation. The recommended installation height is 1500 mm.

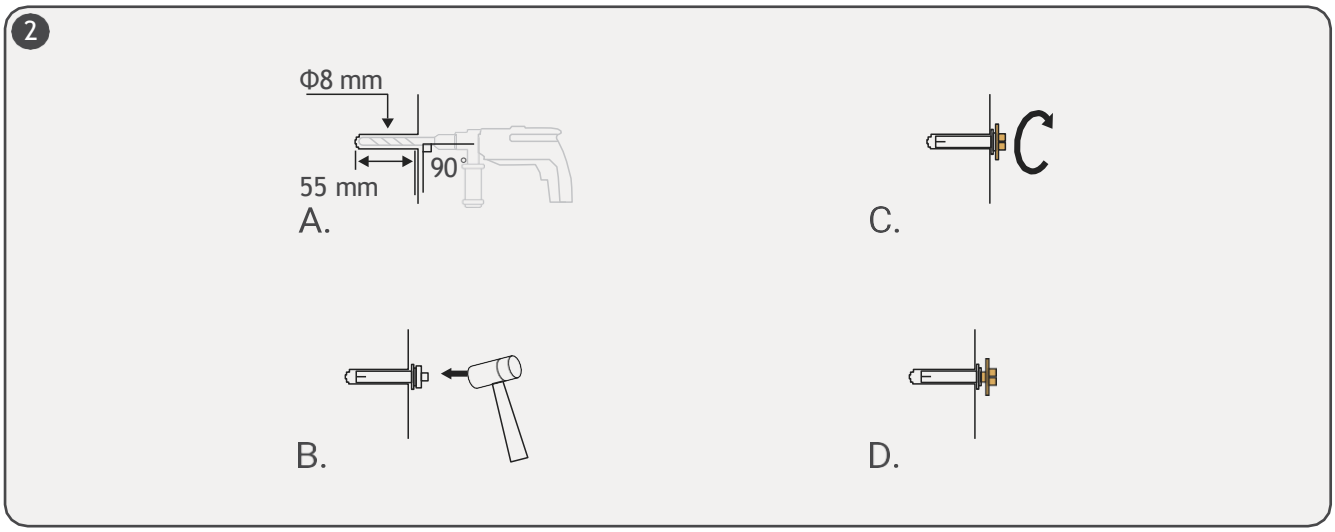


2 Inverter Installation

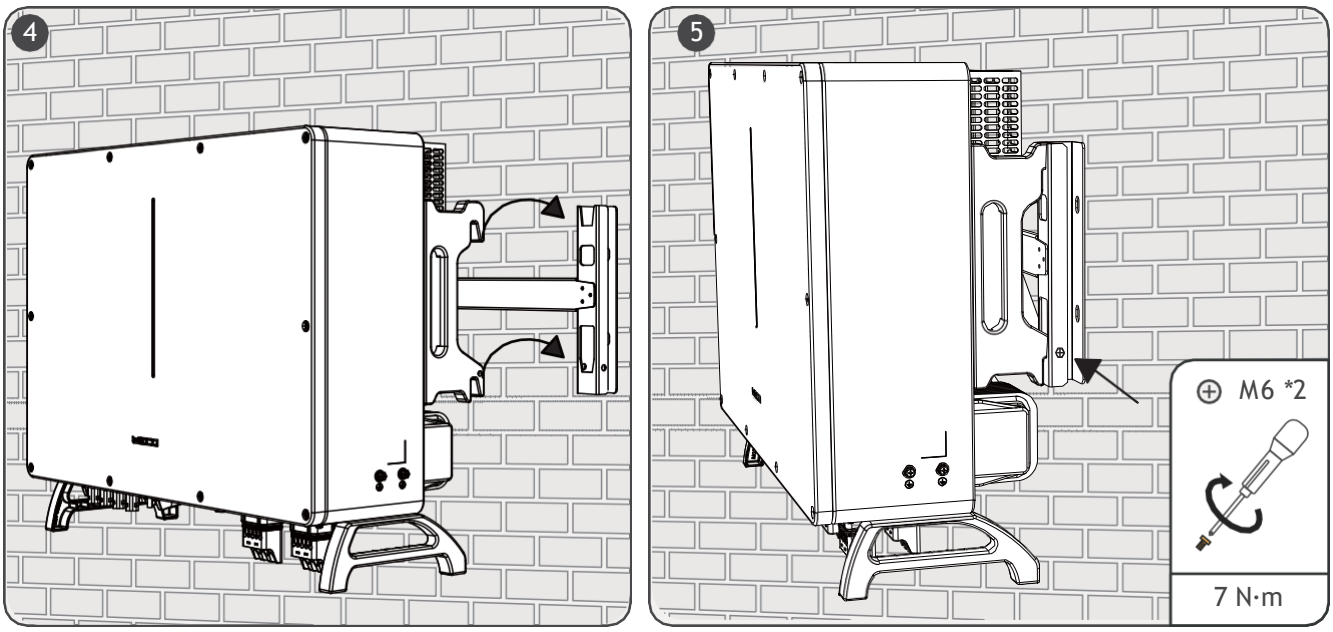
Use the bracket to locate the position of the holes on the wall.



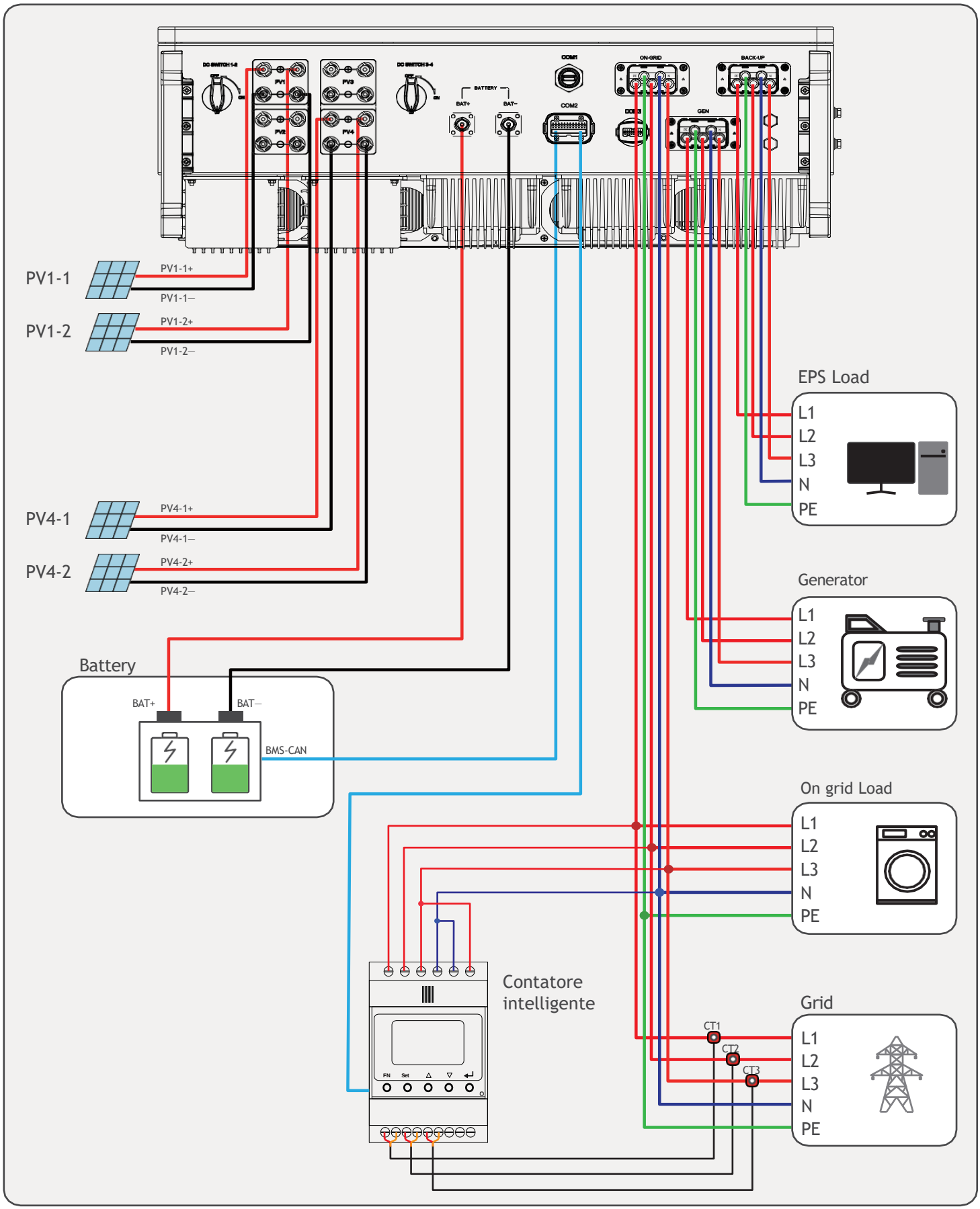
Drill the holes using a drill, install the expansion anchors, and attach the bracket to the wall.



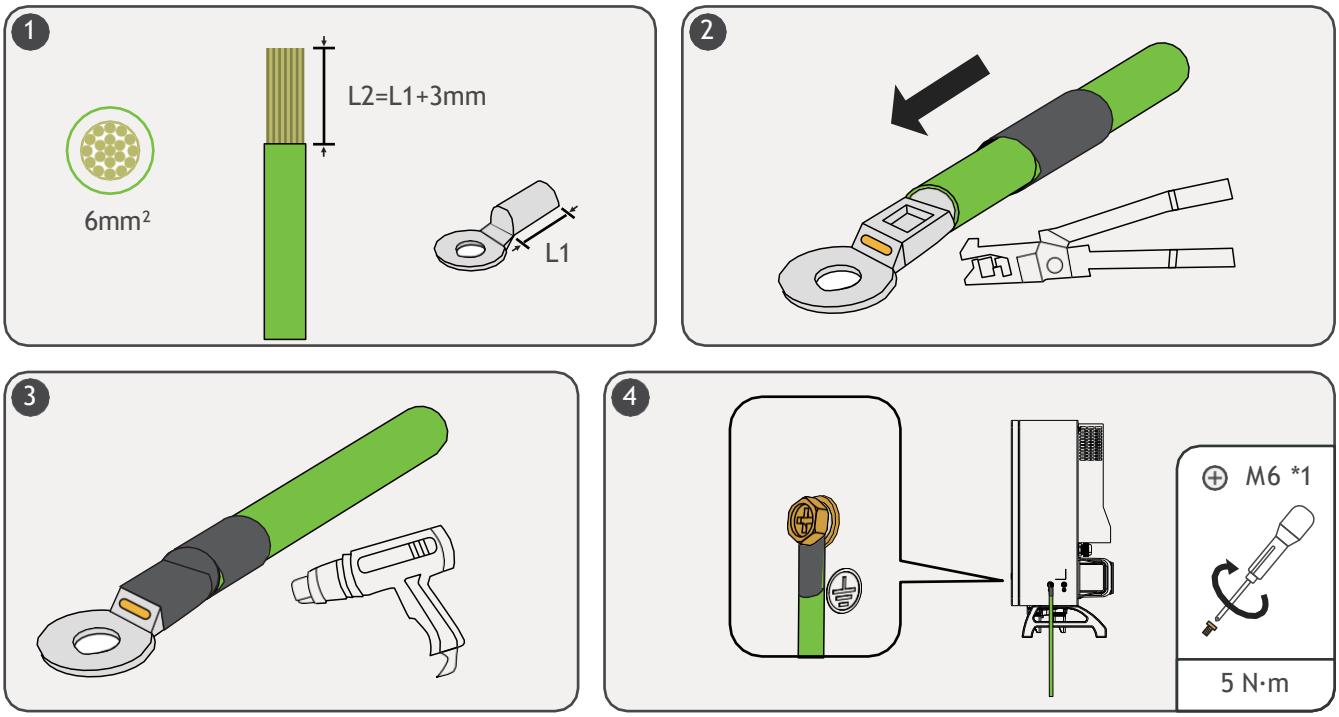
Install the bracket on the back of the inverter and snap the inverter onto the wall bracket.



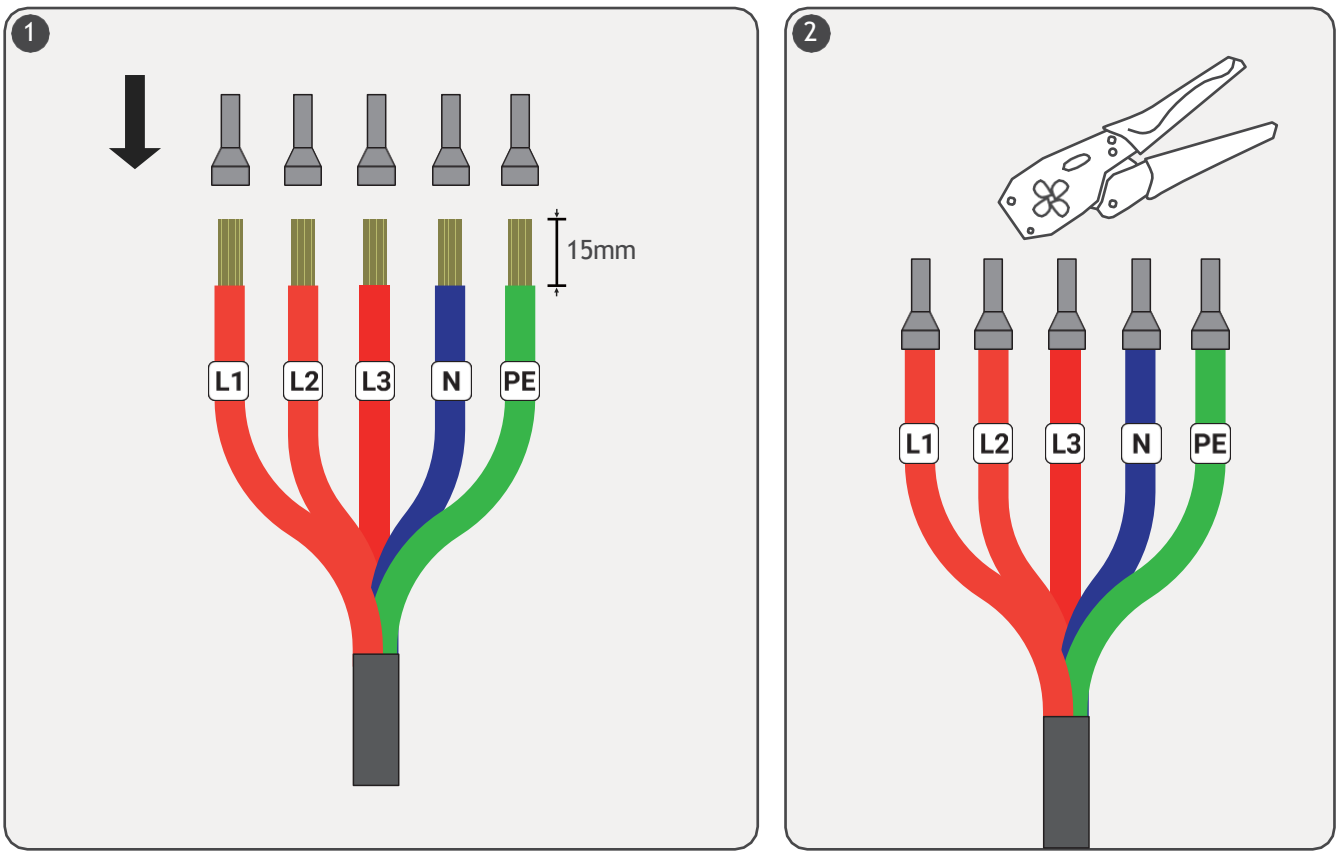
3 System Connections

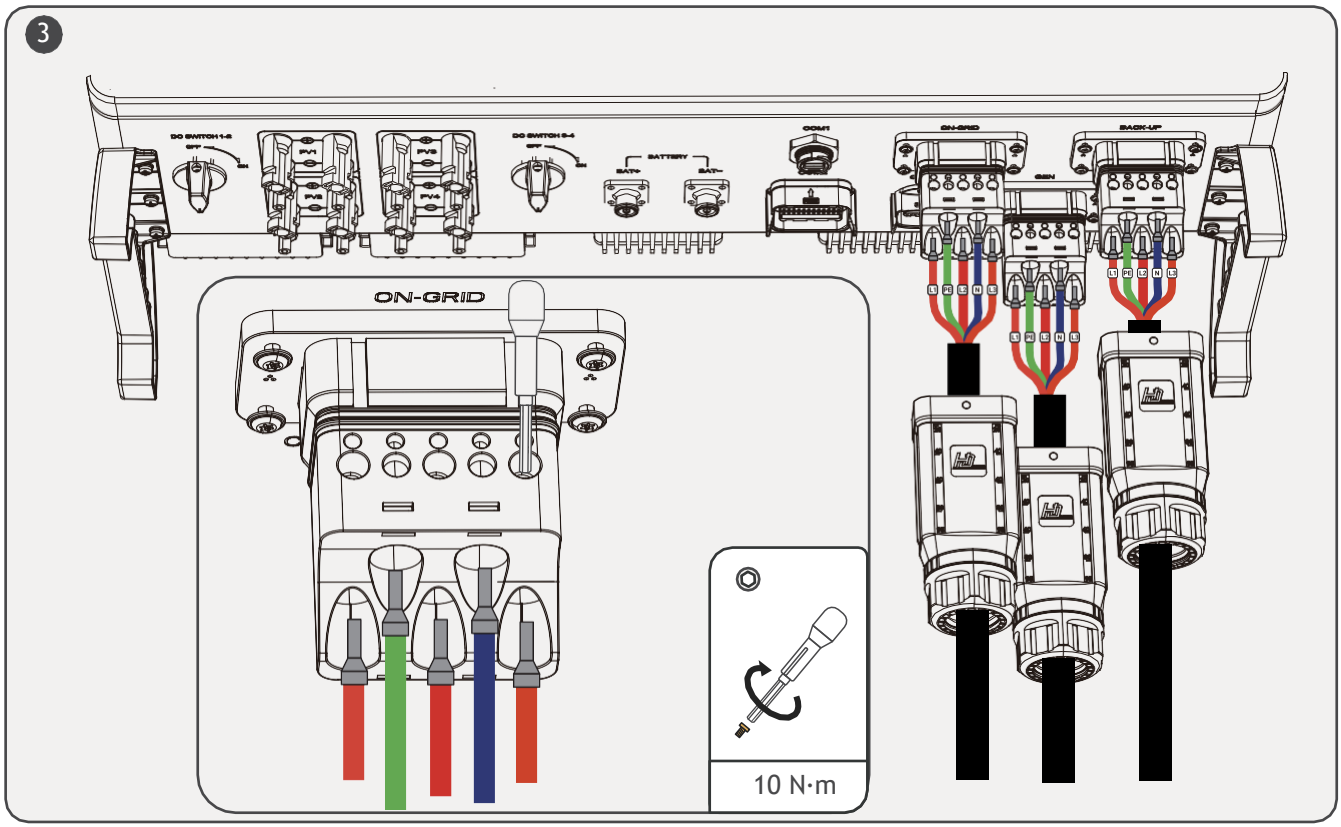


4 PE Cable Connection



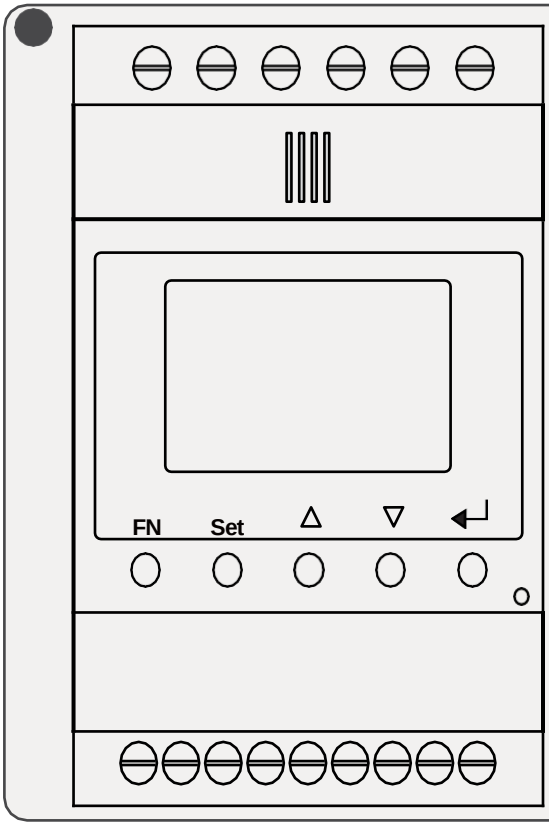
5 Grid and Back-UP Cables Connection



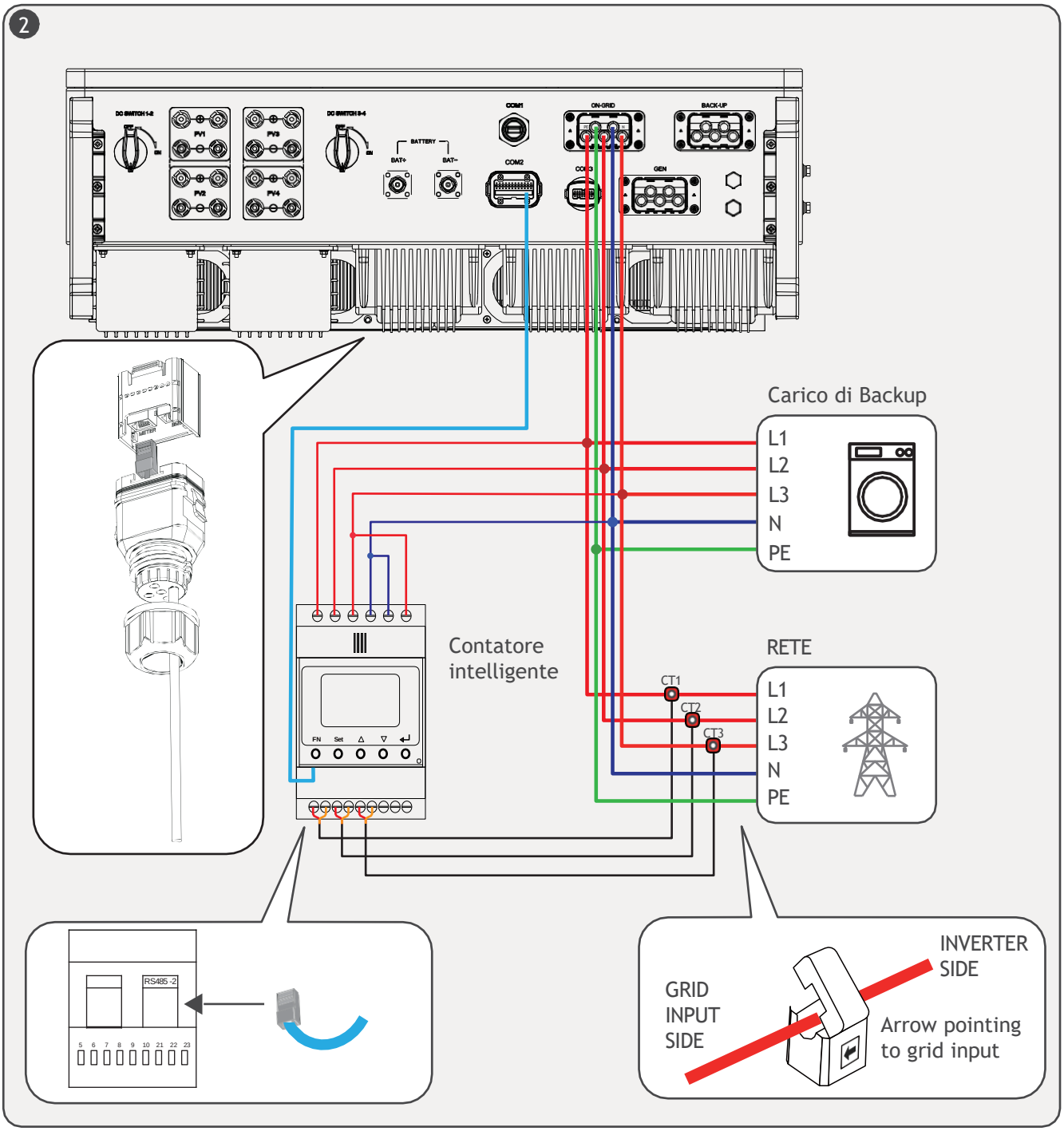


6 Meter Connection

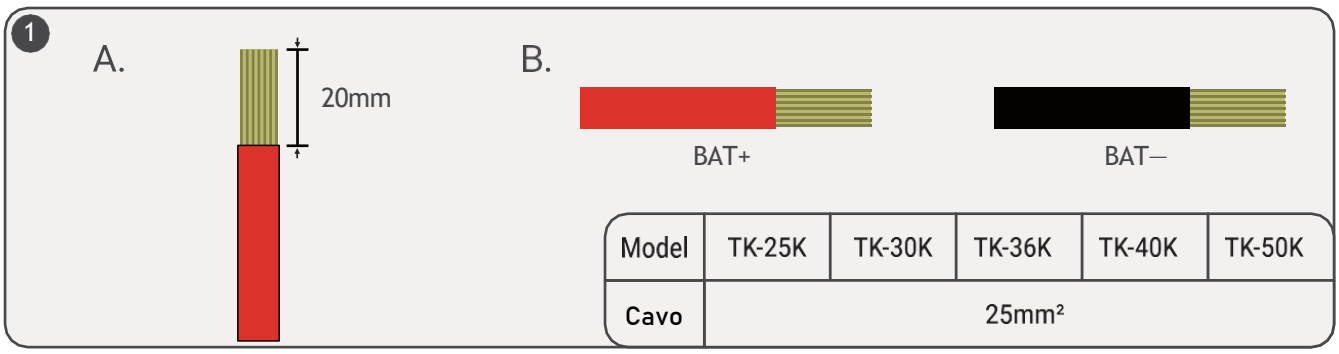
Below is the definition of the terminals according to the meter model, ACR10R / RMM.



NO.	Definition		Function
	ACR10R	RMM	
1	L1		L1/L2/L3/N connect to the grid to detect the voltage of the power grid
2	L2		
3	L3		
4	N		
5	L1-S1		To detect the current and direction of CT.
6	L1-S2		
7	L2-S1		
8	L2-S2		
9	L3-S1		
10	L3-S2		
11	/	PE	Ground Connection
12	L	/	Grid-supplied energy
13	N	/	
RS485	/	Reserved	
	RS485	RS485-2	Hybrid Inverter Communication
ANT	/	Reserved	
LAN	/	Reserved	
Tipo-C	/	Tipo-C	Debug interface specified. Reserved.

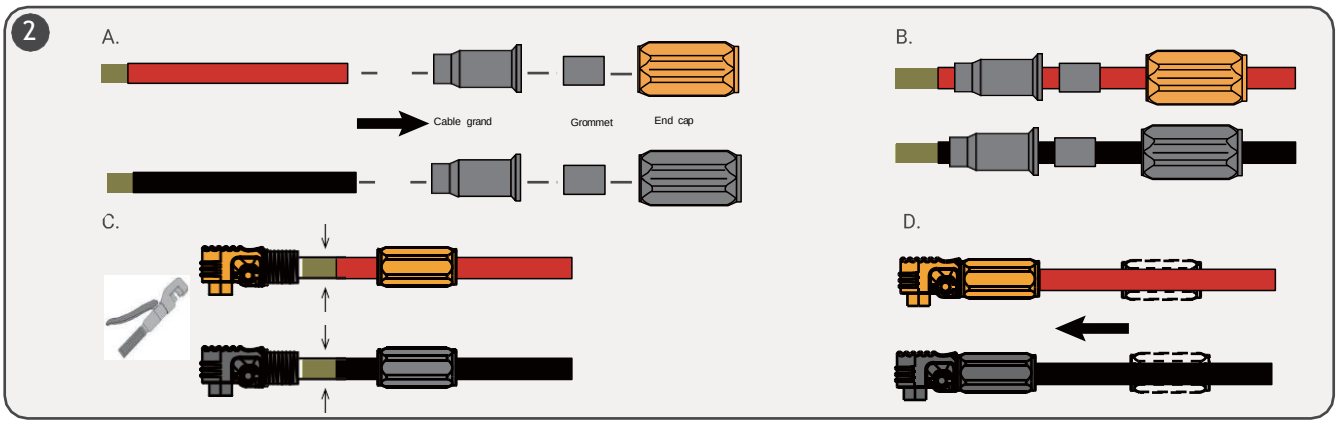


7 Batetry Cable Connection

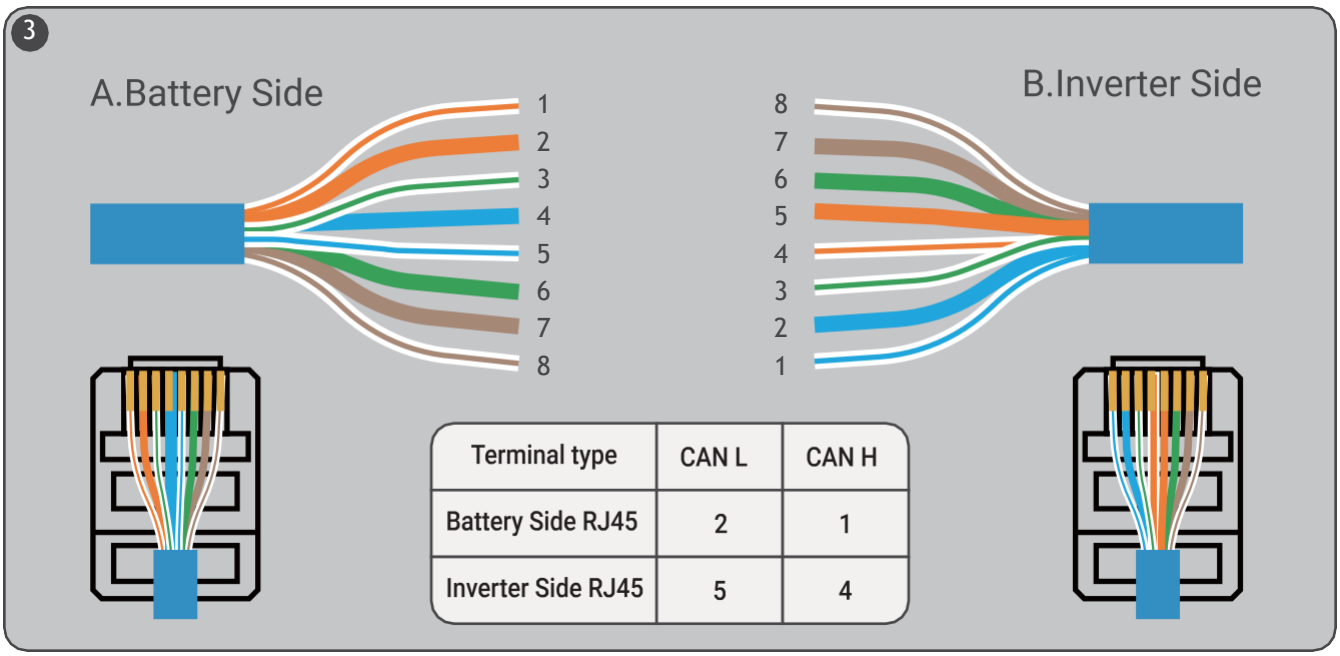


Model	TK-25K	TK-30K	TK-36K	TK-40K	TK-50K
Cavo	25mm²				

2

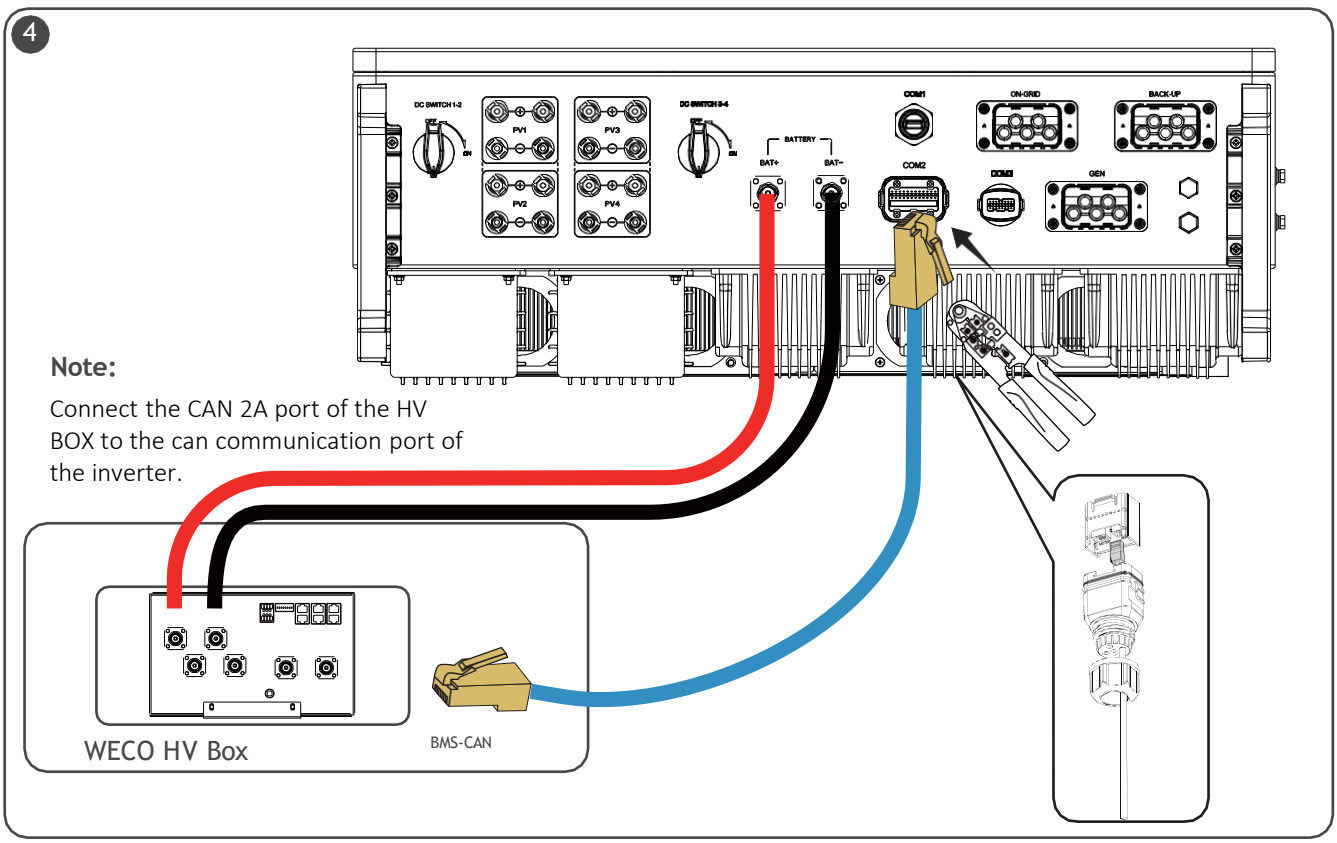


3



Terminal type	CAN L	CAN H
Battery Side RJ45	2	1
Inverter Side RJ45	5	4

4



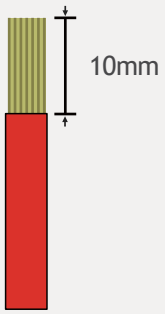
Note:

Connect the CAN 2A port of the HV BOX to the can communication port of the inverter.

8 PV Cables Connection

1

A.



B.



PV+



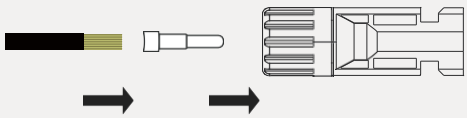
PV—

Modello	TK-25K	TK-30K	TK-36K	TK-40K	TK-50K
Cavo	6mm²				

2

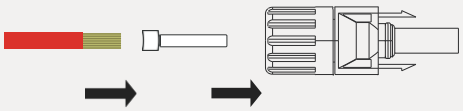
A.

PV—

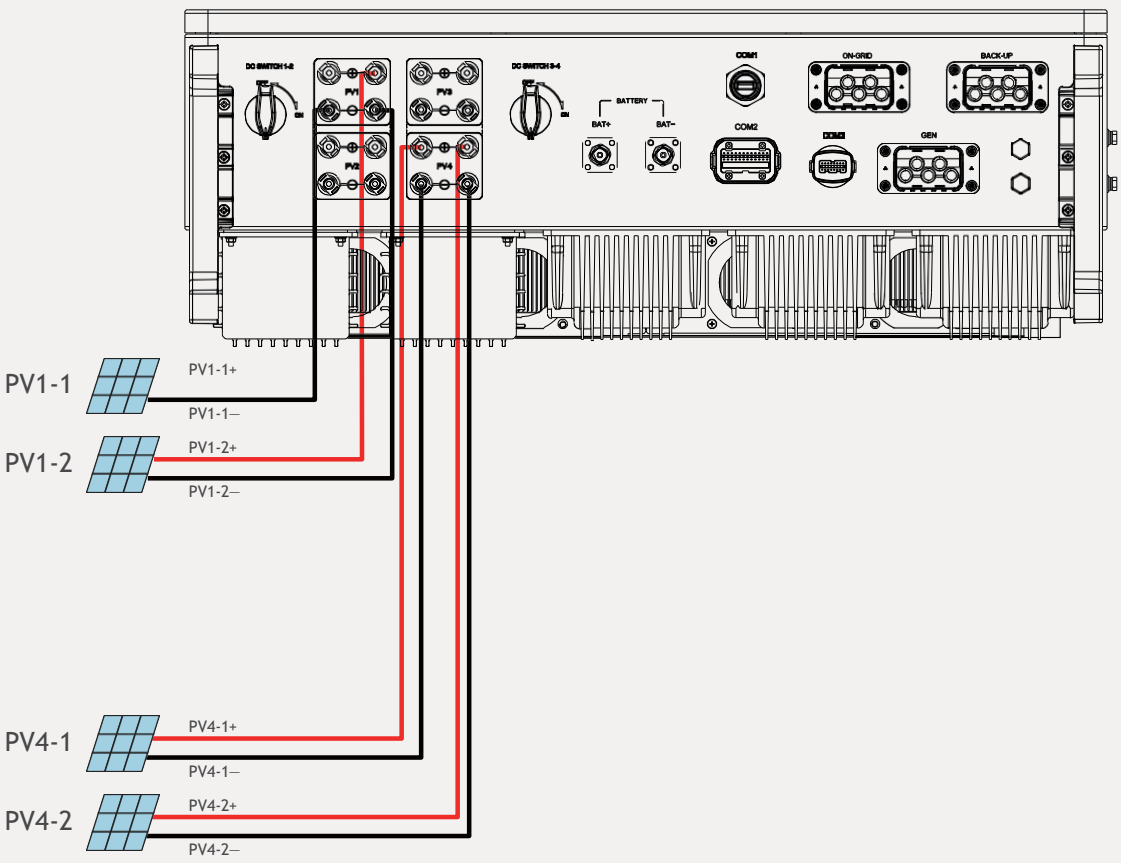


B.

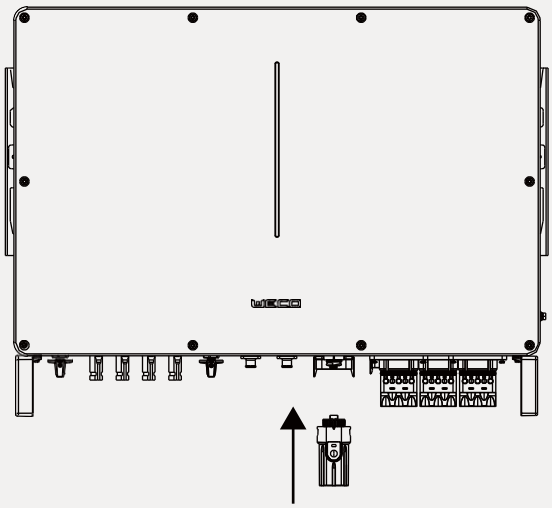
pv+



3



9 WiFi Module Installation

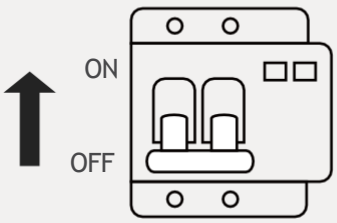


Note:

The WIFI module only supports 2.4 GHZ WIFI for remote connection via the WECO NOOR APP.Make sure the router supports 2.4 GHz for the inverter to connect to the cloud.

10 Power up the system and put it into operation

1



Note:

1) Before turning on the system, confirm that the system installation and all cable connections meet the requirements.
2) In case of On-Grid system, close the grid input switch first.
3) In case of Off-Grid system, turn on the battery directly.

2





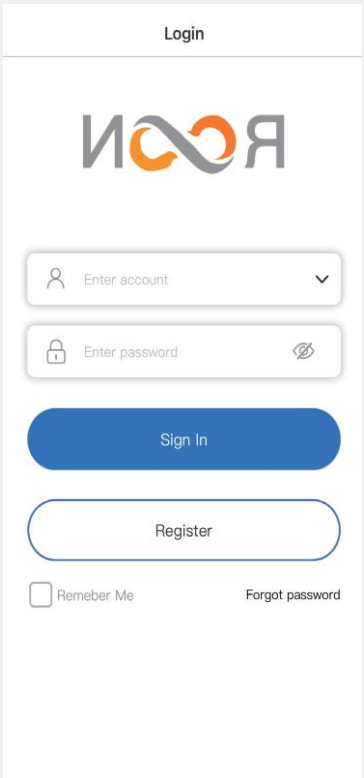


Download from Google or the iOS app store

Note:

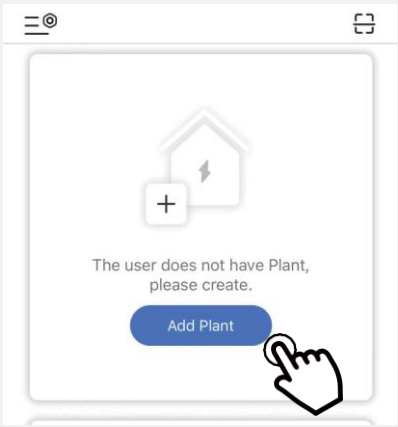
1) Create an account and complete the commissioning steps.
2) Follow the steps to complete the Add system and Add device steps.
3) Complete the system setup according to the user's connection and request.

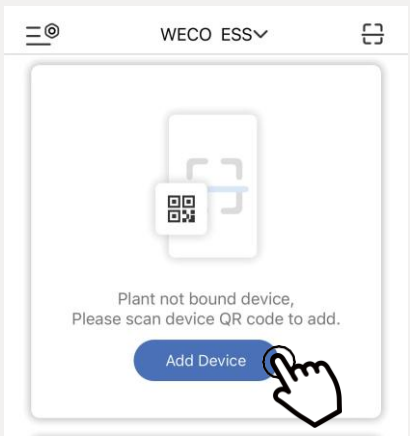
3



Register and log in with user account

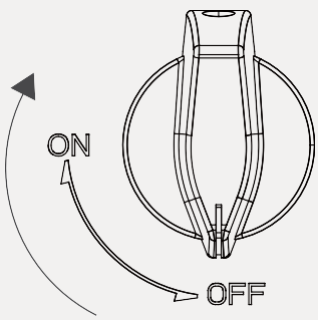
4

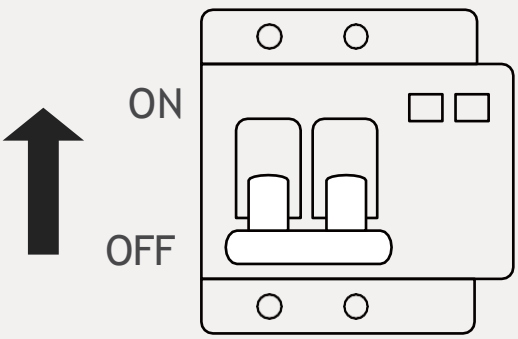




Add plant and add device in the plant

5





DC Breaker

Once the system is set, close the PV and battery switch.