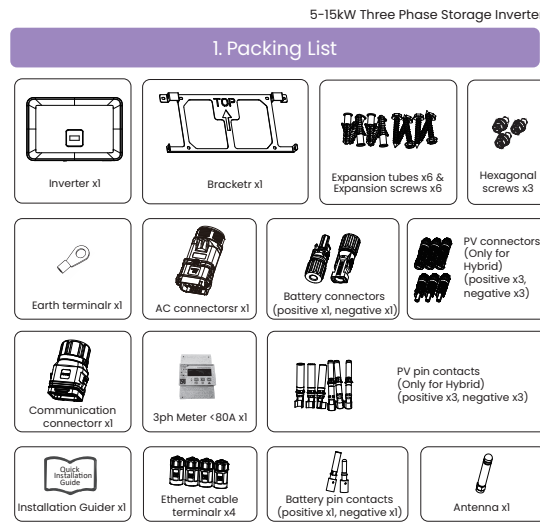
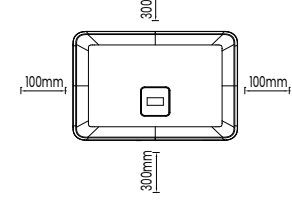


Quick Installation Guide



2. Mounting Steps

Step 1: Please make sure the inverter will be installed with a proper distance as shown below.



9. RJ45 connection

The machine has three RJ45 terminals, which are meter, Ethernet, and DRM functions.

The definition of meter port pin is as follows:

PIN	1	2	3	4	5	6	7	8
Port	meter 485A	meter 485B	/	/	/	/	meter 485B	meter 485A

The definition of Ethernet port pin is as follows:

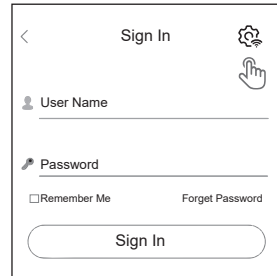
PIN	1	2	3	4	5	6	7	8
Port	ethernet Tx+	Tx-	Rx+	Rx-	/	/	Rx-	/

The definition of DRM port pin is as follows:

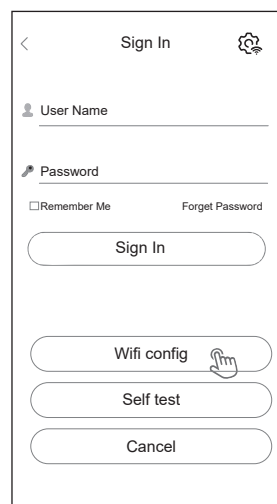
PIN	1	2	3	4	5	6	7	8
Port	DRM +3.3V	DRM1	DRM2	DRM3	DRM4	DRM5	GND	GND

APP Configuration

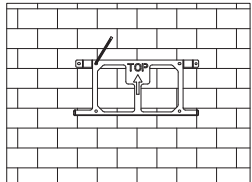
Step 1: Open the APP, click 'Local Distribution Network' on the login page.



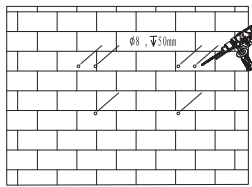
Then click 'Wifi Config'.



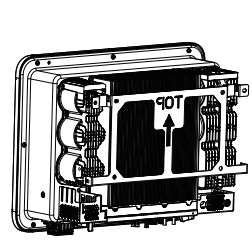
Step 2: Select the installation location, place the bracket on the wall, and mark the hole positions.



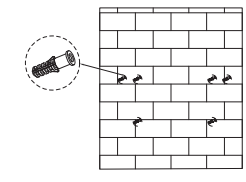
Step 2: Drill the 8 holes with a φ8 drill bit. Depth: at least 50mm. Hammer the expansion tubes.



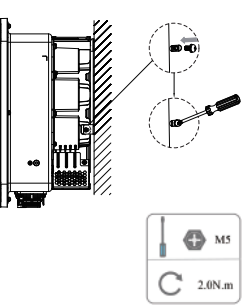
Step 5: Match the inverter with wall bracket.



Step 4: Installing the Bracket. Screw the expansion bolts.



Step 6: Lock the screws on the side (left and right). Make sure the inverter is firmly attached.

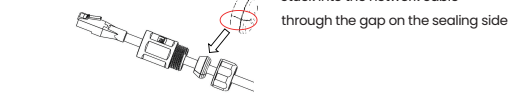


1

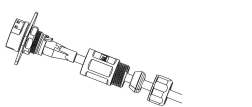
RJ45 Wiring

Installation Procedure of the RJ45 Connector

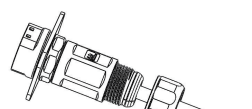
Step 1: Insert the network cable into the wire-locking nut, sealing plug and mainbody in turn. The sealing plug is stuck into the network cable through the gap on the sealing side.



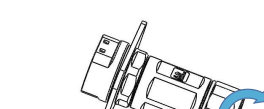
Step 2: Insert the network cable plug into the matched RJ45 panel mount connector.



Step 4: Insert the sealing plug into the main body of RJ45 cable end connector.



Step 5: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.



2

3. GRID Connection

Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

Model (kW)	5.0	6.0	8.0	10.0	12.0	15.0
Cable (GRID)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Cable (EPS)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Micro-Breaker	20A	20A	25A	25A	32A	32A

Step 2: Dimension of stripping line

Dimension of stripping line outside machine



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

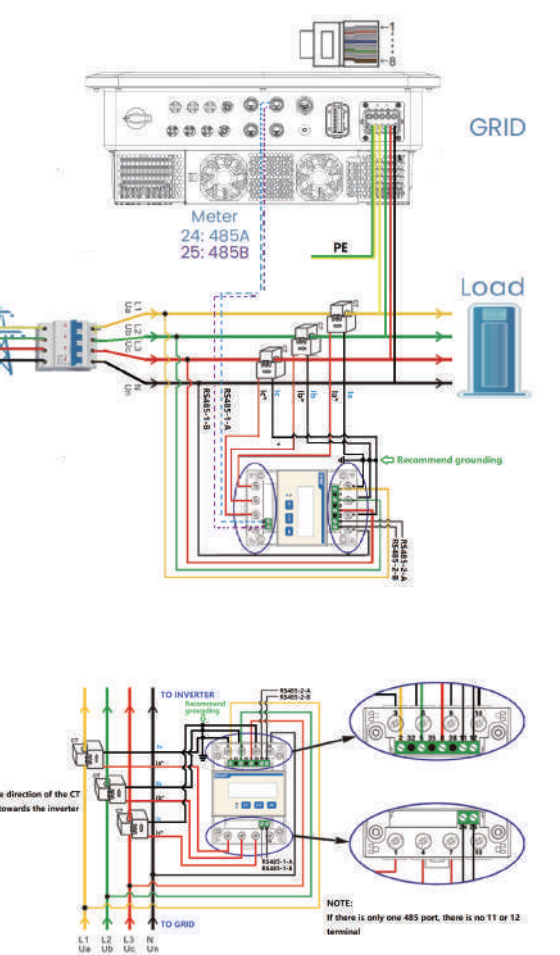
Counterclockwise sequence

Step 4: Seal accessory option

A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

CT-Meter Type

Step 1: Insert U1/U2/L3/N wires, CT and RS485A/B cable into the meter. Please refer to the meter wiring diagram on side of meter itself. During CT use, the direction of the CT arrow faces the inverter.

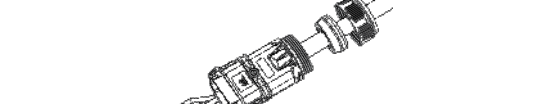


3

4. EPS Connection

Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

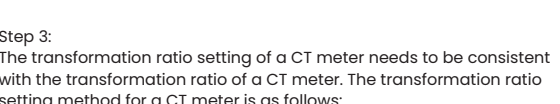
A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

5. EPS Connection

Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

Model (kW)	5.0	6.0	8.0	10.0	12.0	15.0
Cable (GRID)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Cable (EPS)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Micro-Breaker	20A	20A	25A	25A	32A	32A

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

4

5. EPS Connection

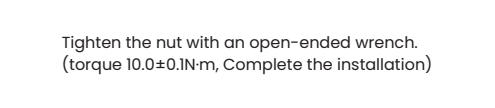
Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

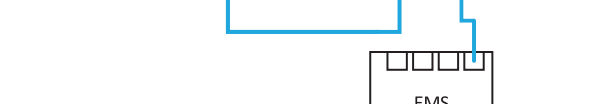
A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

6. EPS Connection

Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

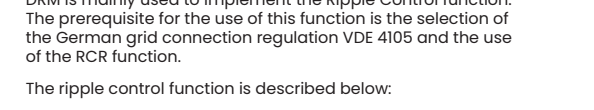
Model (kW)	5.0	6.0	8.0	10.0	12.0	15.0
Cable (GRID)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Cable (EPS)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Micro-Breaker	20A	20A	25A	25A	32A	32A

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

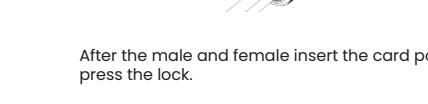
A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

5

6. EPS Connection

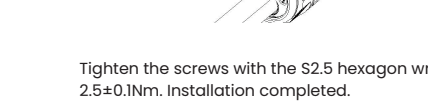
Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

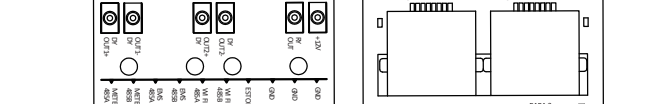
A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

7. EPS Connection

Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

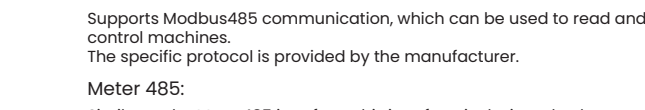
Model (kW)	5.0	6.0	8.0	10.0	12.0	15.0
Cable (GRID)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Cable (EPS)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Micro-Breaker	20A	20A	25A	25A	32A	32A

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

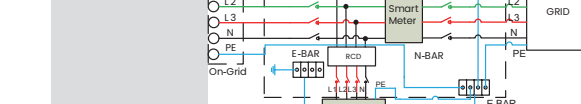
A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

6

7. EPS Connection

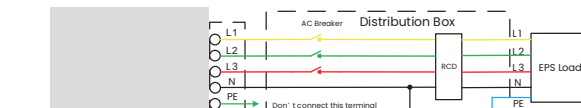
Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

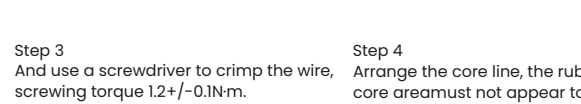
A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

8. EPS Connection

Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

Model (kW)	5.0	6.0	8.0	10.0	12.0	15.0
Cable (GRID)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Cable (EPS)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Micro-Breaker	20A	20A	25A	25A	32A	32A

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

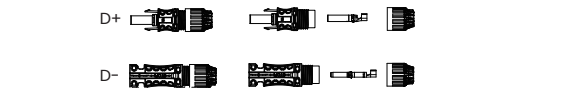
A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

7

8. EPS Connection

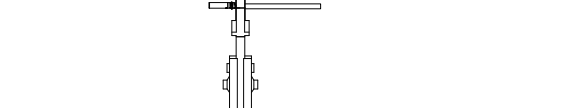
Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

9. EPS Connection

Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

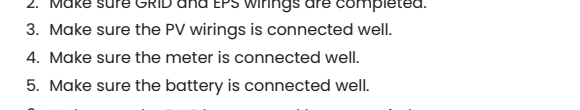
Model (kW)	5.0	6.0	8.0	10.0	12.0	15.0
Cable (GRID)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Cable (EPS)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Micro-Breaker	20A	20A	25A	25A	32A	32A

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

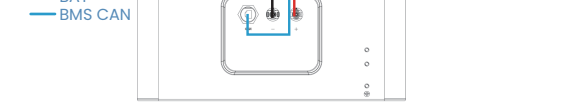
A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

8

9. EPS Connection

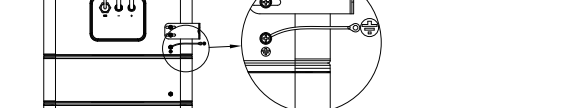
Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

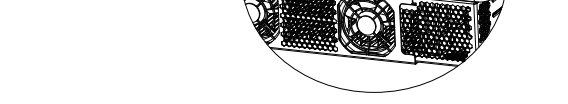
A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)

10. EPS Connection

Step 1: Prepare AC wire. Cable is a five-core cable with a diameter less than 9-16 mm. Cross-sectional area of wire is shown in the following table.

Model (kW)	5.0	6.0	8.0	10.0	12.0	15.0
Cable (GRID)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Cable (EPS)	4.0mm²	4.0mm²	6.0mm²	6.0mm²	6.0mm²	6.0mm²
Micro-Breaker	20A	20A	25A	25A	32A	32A

Step 2: Dimension of stripping line



5-core copper wire

Step 3: Wiring Precautions



Clockwise sequence

Counterclockwise sequence

Step 4: Seal accessory option

A. Ø16: The recommended outer diameter of the cable is 17.5-18.5mm.
B. Ø21: The recommended outer diameter of the cable is 19-21mm.
C. Ø6: When the four wire system is used, the special hole for the ground wire is recommended to be applicable to the outer diameter of the cable. (5-6mm)