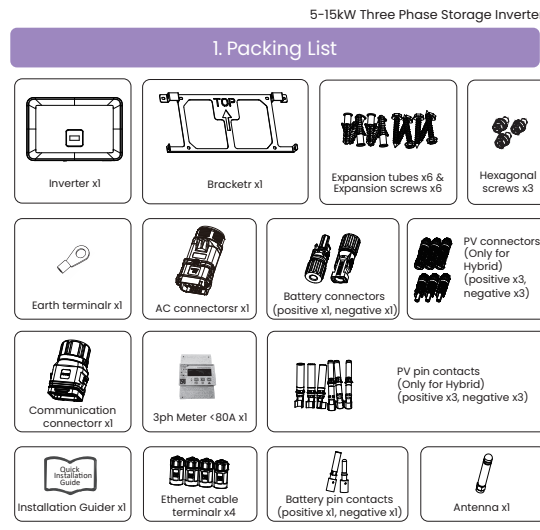
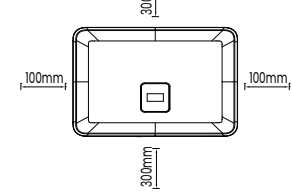


## Quick Installation Guide



### 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:

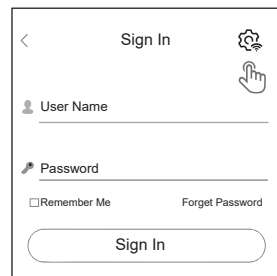
| PIN  | 1            | 2   | 3   | 4   | 5 | 6 | 7   | 8 |
|------|--------------|-----|-----|-----|---|---|-----|---|
| Port | ethernet Tx+ | Tx- | Rx+ | Rx- | / | / | Rx- | / |

The definition of DRM port pin is as follows:

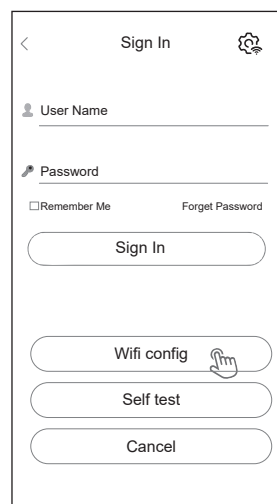
| PIN  | 1         | 2    | 3    | 4    | 5    | 6    | 7   | 8   |
|------|-----------|------|------|------|------|------|-----|-----|
| Port | DRM +3.3V | DRM1 | DRM2 | DRM3 | DRM4 | DRM5 | GND | GND |

### APP Configuration

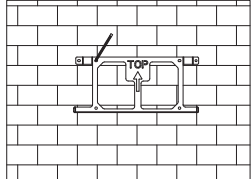
Step 1: Open the APP, click 'Local Distribution Network' on the login page.



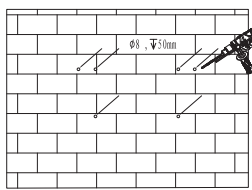
Then click 'Wifi Config'.



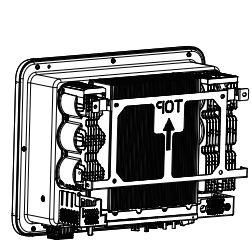
Step 2: Select the installation location, place the bracket on the wall, and mark the hole positions.



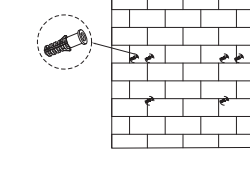
Step 2: Drill the 8 holes with a φ8 drill bit. Depth: at least 50mm. Hammer the expansion tubes.



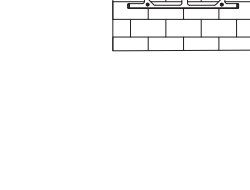
Step 5: Match the inverter with wall bracket.



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.

Stick 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 3: Tighten the connector mainbody by an open-ended wrench with a torque 12±0.2N.m.

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.

Step 6: Lock the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 7: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 8: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 9: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 10: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 11: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

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

Step 13: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 14: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 15: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 16: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 17: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 18: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 19: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 20: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 21: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 22: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 23: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 24: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 25: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 26: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 27: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 28: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 29: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 30: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 31: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 32: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 33: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 34: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 35: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 36: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 37: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 38: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 39: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 40: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 41: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 42: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 43: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 44: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 45: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 46: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 47: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 48: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 49: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 50: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

Step 51: Tighten the connector's nut by an open-ended wrench with a torque 12±0.2N.m.

### 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

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

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4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

### 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.

| 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

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

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4-core copper wire+ Single-core copper wire

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4-core copper wire+ Single-core copper wire

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16-17mm

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

16-17mm

65-72mm

16-17mm

4-core copper wire+ Single-core copper wire

### 5. PV 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