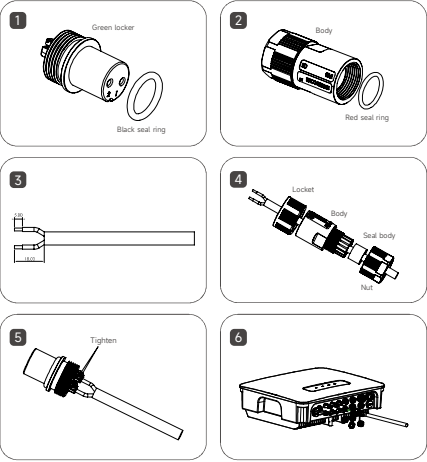
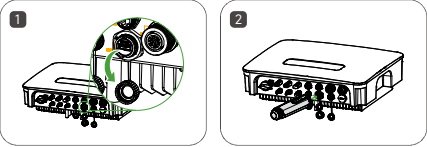


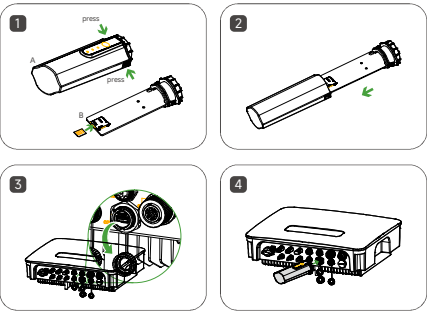
Step 3: Wire stripping.
Step 4: Pass all parts through the wire in the following order.
Step 5: Crimp the 2pin copper core on the green locker and tighten it.
Step 6: Screw all parts together and connect the water-proof 2pin connector to inverter meter port.



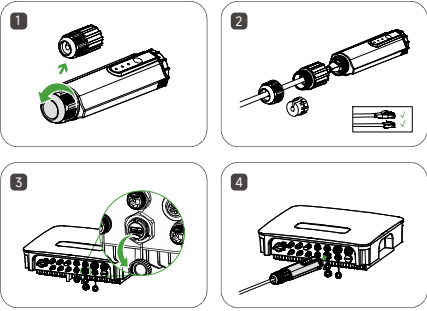
5.3 DCS Installation(WIFI module)



5.4 DCS Installation(4G module)



5.5 DCS Installation(Ethernet module)



6. LED Indicator

6.1 LED Indicator Status Description

Indicator	Status	Description
POWER	ON	Inverter Powered ON
	OFF	Inverter Powered OFF
GRID	ON	Grid Normal
	Blink 1	Grid Abnormal
	Blink 2	Grid Disconnected
COM	ON	COM. Normal
	Blink 1	Meter COM. Fault
	Blink 2	COM. Fault With BMS
	OFF	Fault Both Meter & BMS
ALARM	OFF	Normal
	Blink 1	Inverter Internal Alarm
	Blink 2	Other Alarm

* 1 time flashing, interval 1.5 seconds; 2 times flashing, interval 0.2 seconds.

7. System Commissioning

7.1 Installing the App

Method 1

Download and install the App through the following application stores:

- App Store (iOS)
- Google App market (Android, users other than mainland China ones)

Method 2

Scan the following QR code to download and install the App according to the prompt information:



App Download

7.2 System Debugging

For more information on using the HYXiPower APP, please refer to the user manual "HYXiPower APP".

For system configuration and debugging, please refer to the user manual "HYXipower Local Debugging APP".



HYXiPower APP



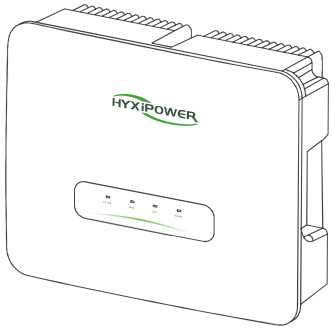
Local Debugging APP

QUICK
INSTALLATION
GUIDE



**HYBRID
INVERTER**

H3K/3K6/4K/4K6/5K/6K/8K-HS

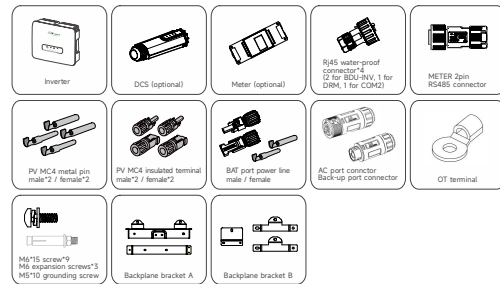


Product information is subject to change without notice.
© 2023 Zhejiang Hyxi Technology Co., Ltd. All rights reserved.

www.hyxipower.com
support@hyxipower.com

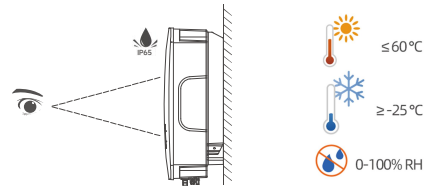
6.2.5118.00001
H8K-HS-QIEN-Ver1.0-202303

1. Packing List

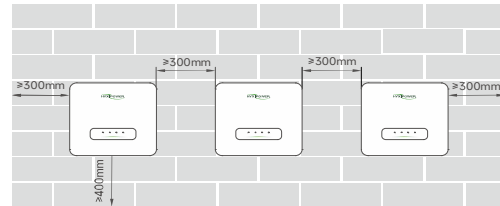


2. Installation Preparation

2.1 Installation Environment Requirements

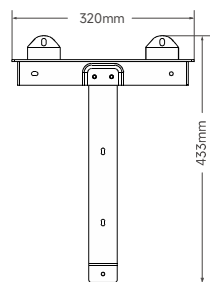


2.2 Installation Space Requirements



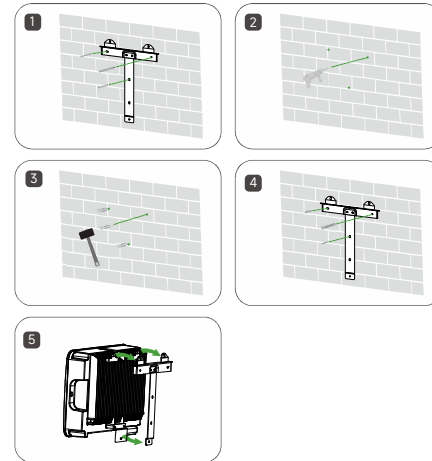
3. Installing the Inverter

3.1 Hanging Plate Size



3.2 Installation Steps

- Step 1: Place the wall plate horizontally on the wall.
- Step 2: Drill a hole about 70mm.
- Step 3: Install the wall plate using the expansion bolt assembly.
- Step 4: Secure the mounting plate with M6 screws.
- Step 5: Hang the mounting lugs and tighten them with M6 screws and finally lock them.



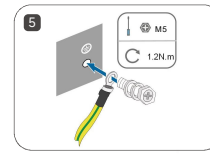
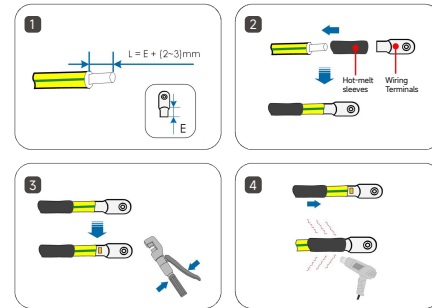
4. Electrical Connection

4.1 Grounding Procedure

The cross-sectional area of the secondary grounding cable must be the same as the cross-sectional area of the PE core in the AC cable.

The secondary grounding cable and terminal block are to be prepared by the customer.

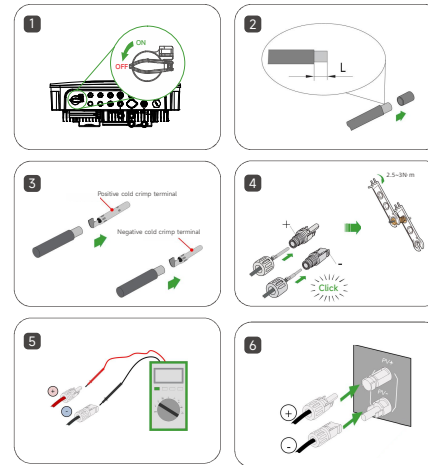
- Step 1: Make the cable and crimp the terminal block.
- Step 2: Remove the screws from the grounding terminal and use a screwdriver to secure the cable.
- Step 3: Apply silicone or paint to the grounding terminal to improve its corrosion resistance.



4.2 PV Side Connection

PV cable need prepared by installers (Conductor cross-section:4-6mm²).

- Step 1: Keep the switch on the inverter in the off state.
- Step 2: Strip all DC cable insulation by approximately 7 mm. Use crimping pliers to bundle the cable ends at the terminals.
- Step 3: Insert the cable through the cable sealing sleeve, insert it into the insulating sleeve and fasten it, and pull the cable gently to make sure it is tightly connected. Use 2.5-3N-m force to tighten the sealing sleeve and insulation sleeve.
- Step 4: Insert the assembled cold crimp terminal into PV connector until a click is heard.
- Step 5: Use a multimeter to check the correct polarity of the PV string connection Cable.
- Step 6: Connect the PV connector to the appropriate terminal until a click is heard.

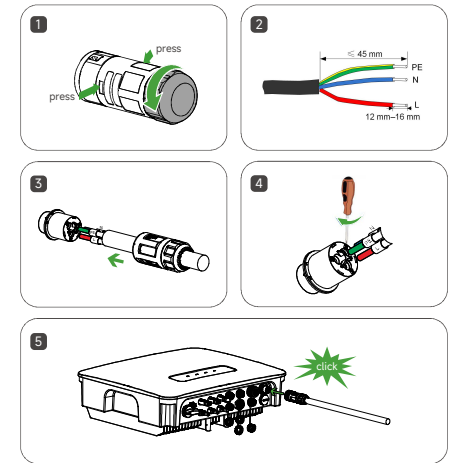


4.3 AC and Back-up Side Connection

AC and Back-up port wiring steps are same.

Power line cable need prepared by installers (Conductor cross-section:6-8mm²).

- Step 1: Disassembling connector.
- Step 2: Strip off a certain length of the protective layer and insulation as shown in the diagram.
- Step 3: Adjust the 3 hexagonal screws loosely, do not unscrew the screws completely. Insert the 3 cores(of step 2) into the corresponding screw holes.
- Step 4: Lock all 3 cores(of step 2) with 3 hexagonal screws.
- Step 5: Assembling connector. Connect the AC connector to the appropriate terminal until a click is heard.



4.4 BDU Side connection

INV-BDU power line(INV side) are same with 4.2 PV Side Connection. Connector come standard with the inverter.

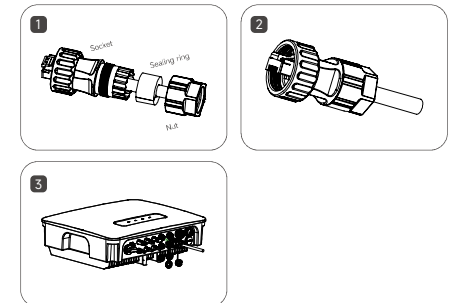
INV-BDU power line(BDU side) please refer to BDU manual. Connector come standard with BDU.

Power line cable need prepared by installers (Conductor cross-section:6mm²).

5. Communication Connection

5.1 Inverter & BDU Communication Connection Steps

- Step 1: Install the three accessories of the waterproof terminal (Socket, sealing ring, nut) on the standard network cable as follows.
- Step 2: Screw the Nut to Socket.
- Step 3: Connect the water-proof RJ45 cable to Inverter BMS port.



5.2 Inverter & Meter Communication Connection Steps

- Step 1: Place black seal ring on the green Locker.
- Step 2: Put red seal ring into the bottle of body inside.