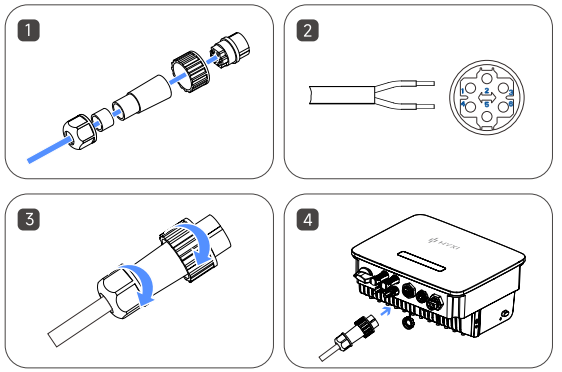
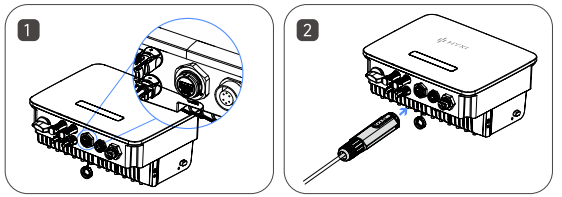
Step 1: Pass the RS485 communication cable through in sequence as shown in the figure below.
Step 2: Crimp the cable to the corresponding PIN on the wiring terminal.
Step 3: Sequentially tighten the waterproof nut and swivel nut.
Step 4: Insert the assembled communication terminal into the COM2 port at the bottom of the inverter.



4.2 DCS Installation



5. LED Indicator

5.1 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
	OFF	Meter COM. Fault
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.

6. System Commissioning

6.1 Installing the App

Method 1
Download the "HYXI APP" from the app store:

- App Store (IOS)
- Google Play

Method 2
Scan the QR code and download the APP :

App Download

6.2 APP Quick Guide

For more information on using the HYXI APP, please scan the QR code.

App Quick Guide

Product information is subject to change without notice.
© 2026 Zhejiang Hyxi Technology Co., Ltd. All rights reserved.

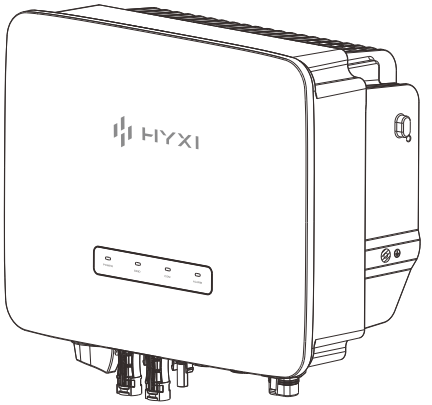
6.2.51.18.00291-002
QI_HYX-S(5-7K5)-S2_V1.1-202609_EN

HYXI

QUICK INSTALLATION GUIDE

STRING INVERTER

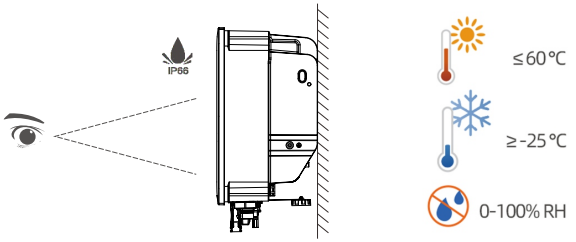
HYX-S5K/6K/7K3/7K5-S2



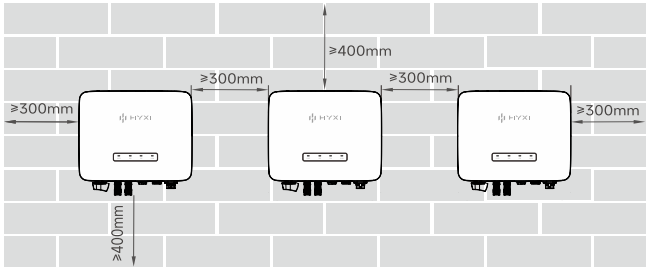
www.hyxipower.com

1. Installation Preparation

1.1 Installation Environment Requirements

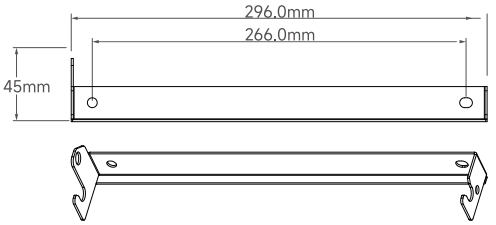


1.2 Installation Space Requirements



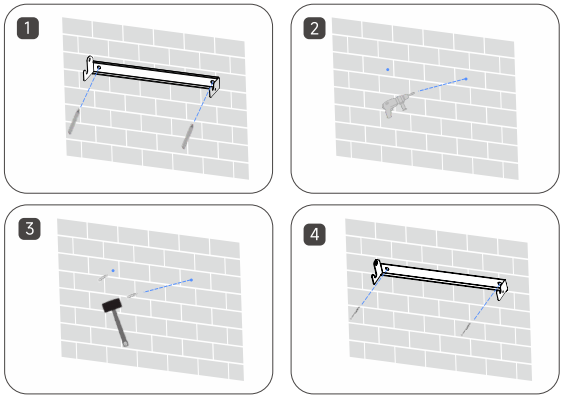
2. Installing the Inverter

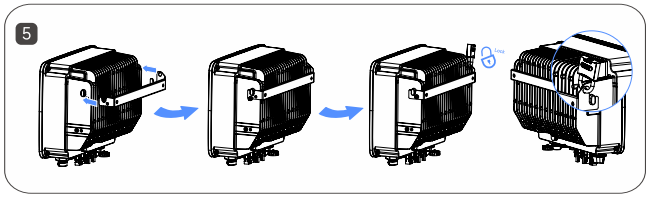
2.1 Hanging Plate Size



2.2 Installation Steps

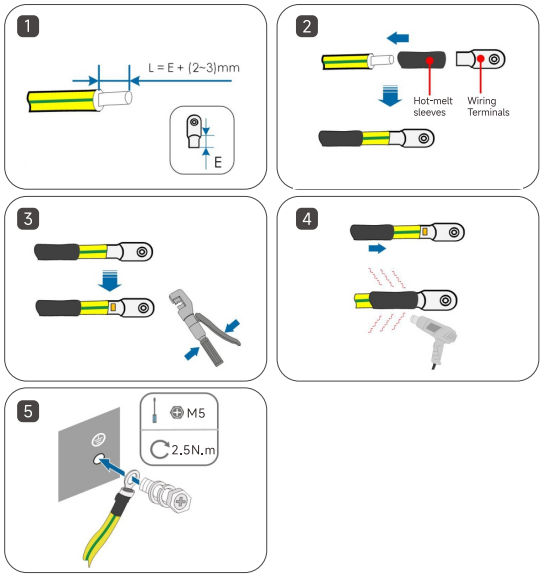
Place the wall plate horizontally on the wall and press to position it.
Drill a hole about 70mm.





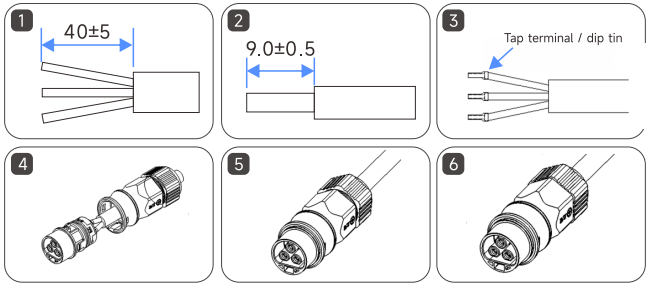
3. Electrical Connection

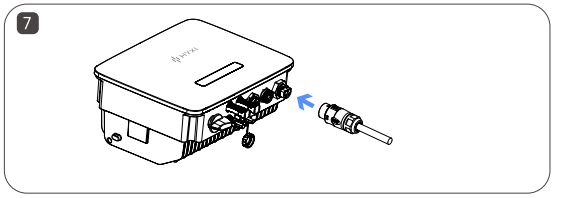
3.1 Grounding Procedure



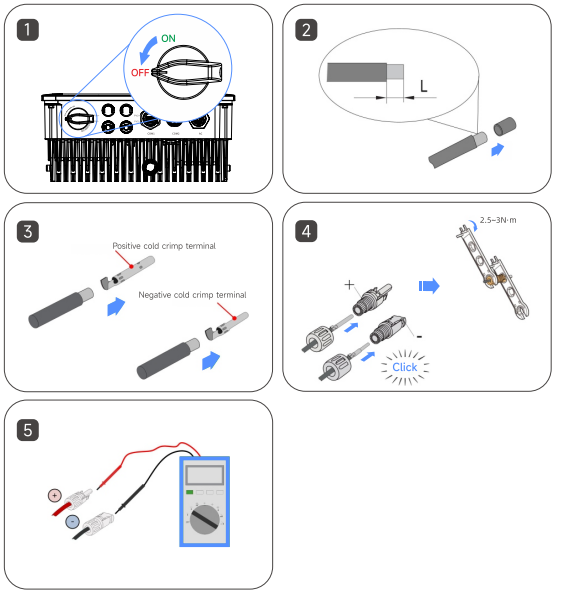
3.2 AC Side Wiring

Step 1: Cable stripping outer cover. Size of stripping outer coat: 40±5 mm.
Step 2: Wire stripping. Stripping distance: 9.0±0.5 mm.
Step 3: Tap terminal / dip tin. Core wire terminal / tin dip to ensure that the copper wire is not dispersed.
Step 4: Cable into the main assembly + wiring. Insert the cable into the main assembly and lock the screws with a hex wrench. (M4 screw recommended locking torque 1.2N.m)
Step 5: Install main components. Push the main component into the core and assemble it into place when you hear the click sound.
Step 6: Lock the nut tightly. Lock the nut with the body. (Recommended locking torque 2.0± 0.5N.m)
Step 7: Insert the assembled AC connector into the AC port of the inverter. A click sound will be heard when the latch on the inverter's AC port engages properly with the assembled AC connector.





3.3 Installing the DC Connector



4. Communication Connection

4.1 RS485 signal line definition

Port	Pin	Description	Function
RS485-1	1	RS485 A1 RS485 different signal+	Connect smart meter
	2	RS485 B1 RS485 different signal-	
RS485-2	3	RS485 B2 RS485 different signal-	ReserveRS485 communication
	4	RS485 A2 RS485 different signal+	
CT	5	AC current sensor+	CT signal input
	6	AC current sensor -	

