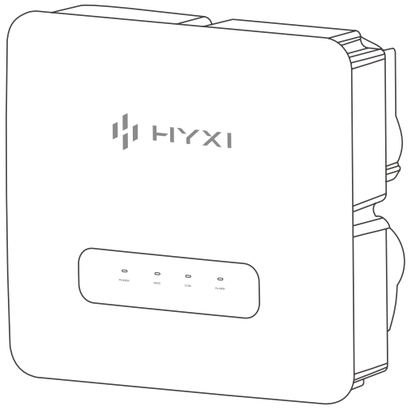
QUICK
INSTALLATION
GUIDE

STRING INVERTER

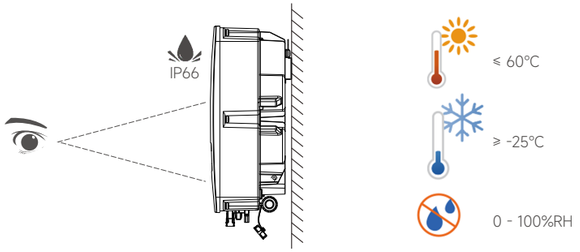
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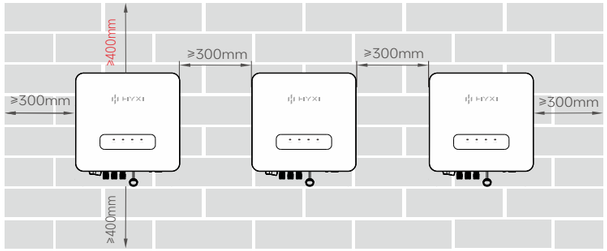
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1 Installation Preparation

1.1 Installation Environment Requirements

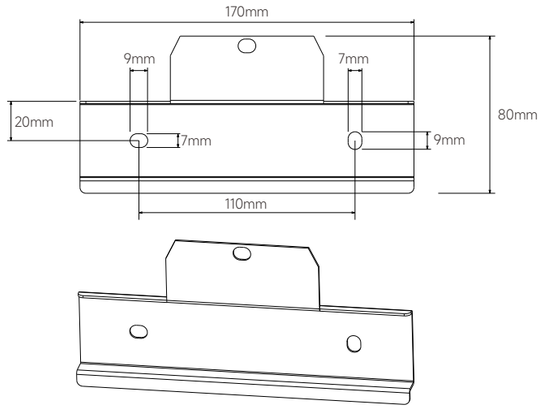


1.2 Installation Space Requirements



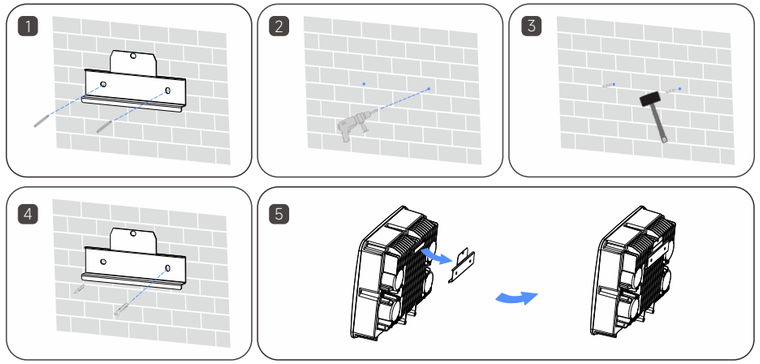
2 Installing the Inverter

2.1 Hanging Plate Size



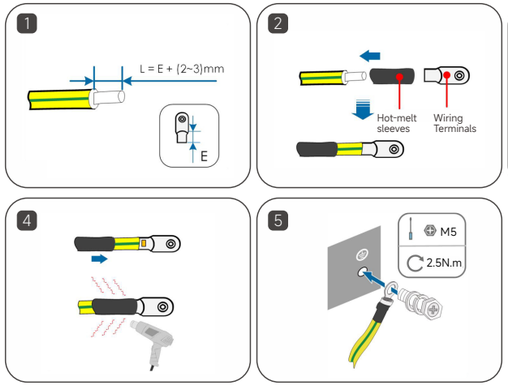
2.2 Installation Steps

- 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 Nut lock them.



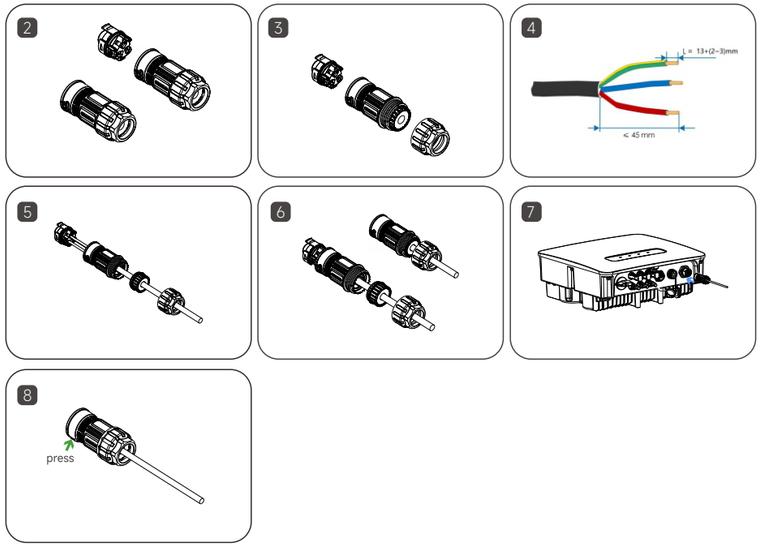
3 Electrical Connection

3.1 Grounding Procedure

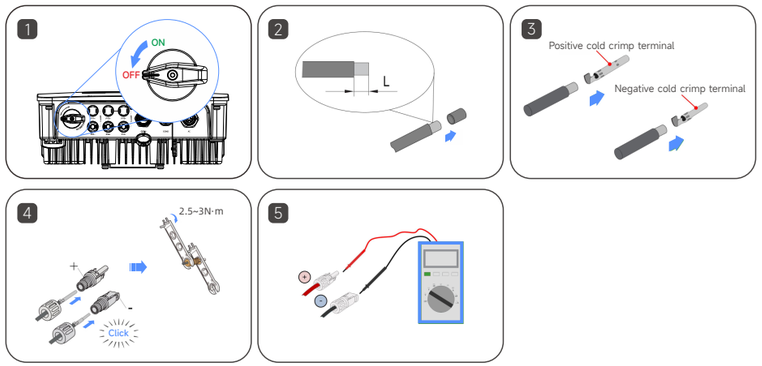


3.2 AC Side Wiring

- Step 1: Disconnect the AC circuit breaker and secure it against reconnection.
- Step 2: Remove the fastener and then take the wire terminal socket out.
- Step 3: Unscrew the swivel nut and take out the fastening case and seal ring.
- Step 4: Strip the cable as shown in the following figure.
- Step 5: Pass the cable through the AC connector and lock the terminal screws.
- Step 6: Assemble the AC connectors one by one, insert the fastener, and tighten the swivel nut.
- Step 7: Connect the AC connector with the inverter.
- Step 8: Use the clasp to remove the AC connector from inverter.



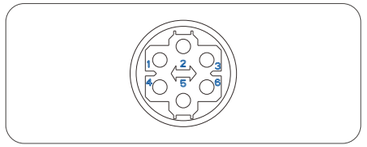
3.3 Installing the DC Connector



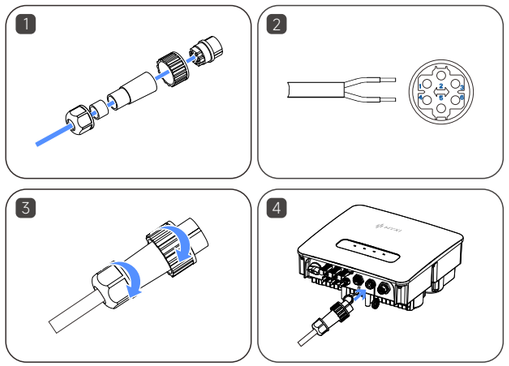
4 Communication Connection

4.1 RS485 signal line definition

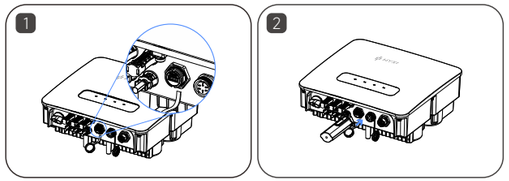
Port	Pin	Description	Function
RS485-1	1	RS485 A1 RS485 different signal+	Connect smart meter
	2	RS485B1 RS485 different signal-	
RS485-2	3	RS485 B2 RS485 different signal-	ReserveRS485 communication
	4	RS485 A2 RS485 different signal+	
CT	5	AC current sensor+	CT signal input
	6	AC current sensor -	



- 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.

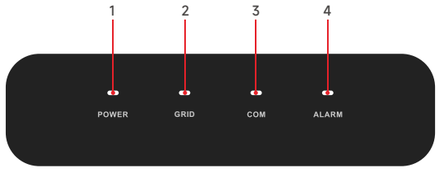


4.2 DCS Installation



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.

NOTES

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

support@hyxipower.com

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