QUICK INSTALLATION GUIDE



MICRO INVERTER

HYX-M1600-S / HYX-M1800-S / HYX-M2000-S HYX-M1600-SW / HYX-M1800-SW / HYX-M2000-SW



1	Installation Accessories

lmage	Description		
	T-junction cable		
	M8*25 bolt (Self preparation)		
	T-junction bus connector		
D	T-junction bus end plug		
f	T-junction removal tool		
Ŷ	T-junction branch line port protection cover		

There is no accessory package included with this product and all accessories must be purchased separately.

Installation Steps 2

2.1 How to Make a T-Junction Bus

• Step 1: Prepare several sections of T-junction connecting wires according to the number of microinverters to be installed on site.

• Step 2: Removing the T-junction cable at the end.



Use the T-junction removal tool to remove the lower cover.

Loosen the inner screw, unscrew the nut, and remove the cable.

Insert the lower T-junction cover back into place



Install a T-junction bus end plug at the end of the T-junction.

and make sure it is secure.

• Step 3: T-junction and bus connection.

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Prepare the AC cable by stripping the ends.



Tighten the screws, and then the nuts.

• Step 4: Secure the T-junction cable

△ CAUTION

- disassembly.

2.2 Microinverter Installation

- photovoltaic modules.
- indicator panel should face the bracket).







Insert the AC cable into the T-junction connector at the correct hole position.

Insert the lower T-junction cover back into place, making sure it is secure.

Put the T-junction connecting wire on the guide rail and fix it with cable tie.



•Nut tightening torque: 2.5±0.5N·m, Screw tightening torque: 0.8±0.1N·m, do not tighten (the screw) to tightly, do not damage the sealing ring in the T-junction connector during assembly and

· Do not contact T-junction bus connectors with water directly.

·Use a professional tool to uninstall the T-junction bus connector.

• Step 1: Mark the installation position of the microinverter on the bracket according to the layout of the

• Step 2: Fix the microinverter on the bracket with M8*25mm screw, then lock the screw. (*The inverter

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- · Install the microinverter and all DC connections under the PV module to avoid direct sunlight, rain and snow. etc.
- Leave≥ 20mm space between microinverter and PV module for ventilation and heat dissipation.
- ·Screw tightening torque: 9N·m, do not over-tighten.
- · Do not carry AC cables during transportation.

2.3 Connect Microinverter with T-junction

Insert the output AC feeder connector of the microinverter into the T-junction bus connector until hearing a "click" sound. Ensure that the installation is tight.



2.4 Connect PV Module

- Step 1: Install the PV module above the microinverter.
- Step 2: Connect the DC output cable of the PV module with the input side of the microinverter.



CAUTION

- · Ensure that the output current and voltage of the PV modules are consistent with the inverter.
- Operating DC voltage range of the PV module must be within the input voltage range of the microinverter

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. The maximum VOC of the PV module shall not exceed the maximum input voltage of the microinverter.

• DC output power of PV module shall not exceed 1.5 times that of the AC output power of the microinverter.

2.5 Draw Installation Map

Tear off the serial number label of microinverter and affix serial number label on the corresponding position according to the installation map for guick identification during maintenance.



Operate and Power On 3

• Step 1: Close the main grid circuit breaker.

· Step 2: Close the AC circuit breaker of each microinverter branch, and the system will automatically generate power after about 2 minutes.

• Step 3: Set up the monitoring system on HYXiPOWER Smart Energy Platform.

3.1 Start Indicator

When the DC side of the microinverter is powered on the first time: The green lights blinks briefly indicates startup success The red lights blinks briefly indicates startup failure.

3.2 Operating Indicator

Light	Status	Description
Green	Fast flashes (1s gap)	Normal
	Slow flashes (3s gap)	Communication error
	Slow flashes (5s gap)	PV input error
Red	Light on	Ground error
	Fast flashes (1s gap)	Error
	Fast flashes (2s gap)	AC error



4.1 Installing the App

Method 1

Download the "HYXiPOWER APP" from the app store:

- App Store (IOS)
- Google Play

4.2 APP Quick Guide

4.2.1 For "-S" Model Microinverters



App Quick Guide

4.2.2 For "-SW" Model Microinverters



App Quick Guide

4.3 Network Configuration (For "-SW" Model Microinverters)

1. Visit our website: www.hyxipower.com



Configuration Video

Method 2 Scan the QR code and download the APP:



Set up monitoring system please refer to the DMU User Manual or DMU Quick Installation Guide. For more information on using the HYXiPOWER APP, please scan the QR code.

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

Follow the instruction of the video or manual, you can get it through:

2. Scan the QR code to watch the guide video