



# Quick Installation Guide

## EQ Microinverter

Applicable for  
EQ-400-P  
EQ-450-P  
EQ-500-P

Prior to installation, consult the device user manual for complete product specifications and safety instructions. Damage caused by storage, installation, or operation that does not strictly comply with the specifications in this document and the user manual shall not be covered under the product warranty. This document may be updated irregularly due to product version upgrades or other reasons without prior notice.



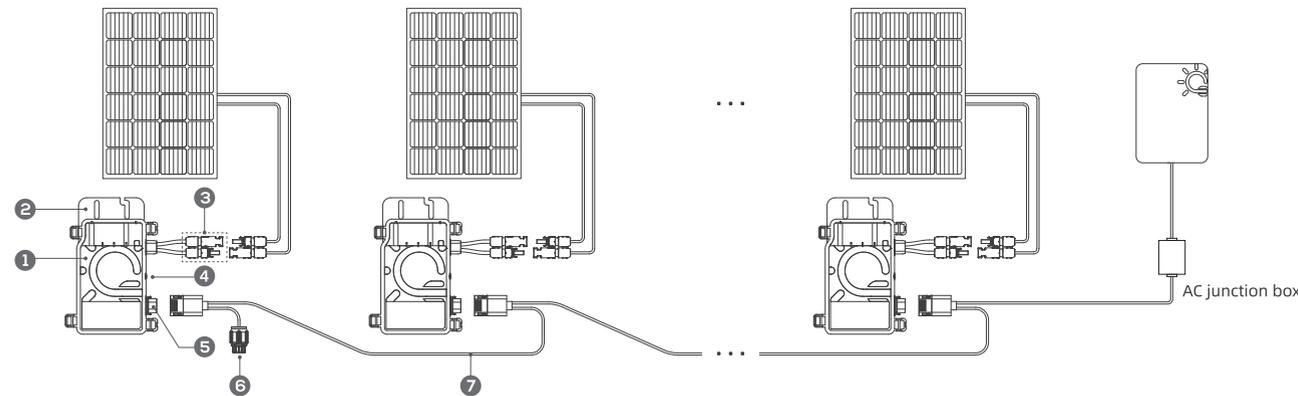
All installation and maintenance must be performed by certified electricians wearing proper PPE. **Live work is strictly prohibited in all processes.**

Unless otherwise agreed, this document is provided for guidance purposes only. All statements, information, and recommendations contained herein shall not constitute any express or implied warranty.



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### Installation Preview



- 1. Microinverter      3. DC connector      5. AC interface      7. AC Connection Cable
- 2. Mounting Plate    4. LED indicator    6. Terminator

**!** The number of microinverters on each AC branch (20A) should not exceed the following requirements:

EQ-400-P	EQ-450-P	EQ-500-P
9	8	7

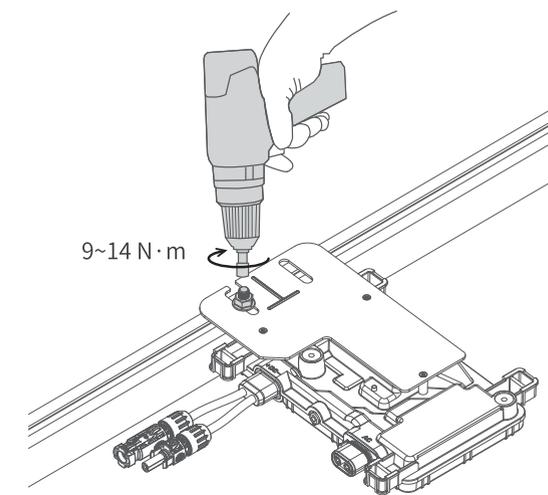
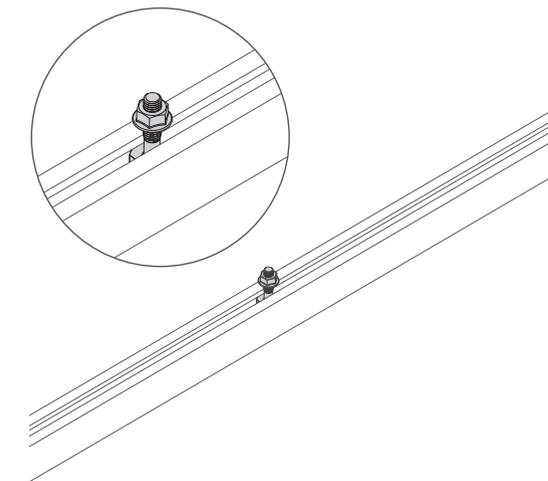
### Tools and Materials

Electric screwdriver, Diagonal pliers, Wire stripper, Wire Crimper, Steel measuring tape, Torque wrench, Marking pen, etc.  
T-shaped screws and nuts(M8), Cold-pressed terminals, Cable ties, AC junction box, AC cable(2x2.5mm<sup>2</sup>, OD: Ø9~Ø11mm),etc.

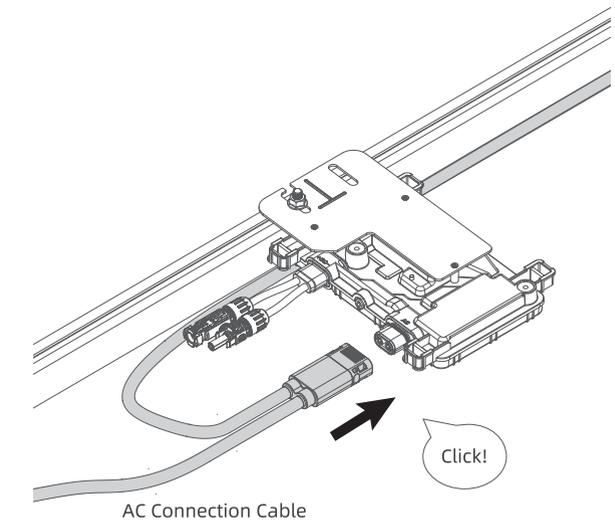
### Cables and Accessories

Name	Model	Diagram	Description
AC Connection Cable	W-2513A-72 W-2520A-72 W-2523A-72		Connect several microinverters in parallel. The space between connectors is optional among 1.3/2/2.3m
AC Cable Sealing Cap	SEAL-MA-50		Seal the unused connectors on the AC Connection Cable (optional)
Terminator	TERM-A-20		Seal the head end of the AC Connection Cable
DC Extension Cable	W-4010D-01		Extend the DC connecting line, with length of 1m (optional)
Disconnect Tool	DISC-01-10		Assist in installing and disconnecting the connector

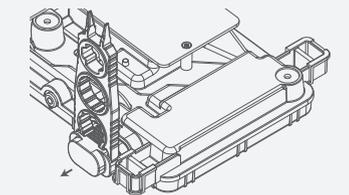
## 01 Install the Microinverter



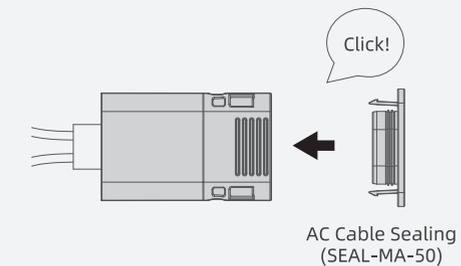
## 02 Connect the AC Cable



**!** Before wiring, use the Disconnect Tool (DISC-01-10) to remove the protective caps from the device.

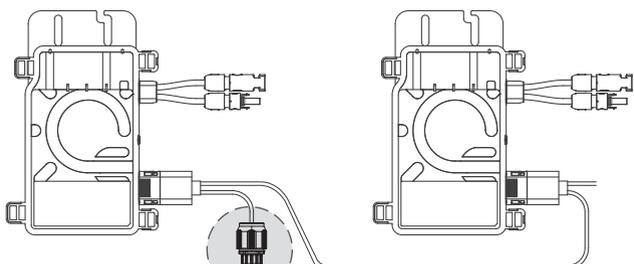


**!** The unused connectors must be sealed with designated AC Cable Sealing Caps.

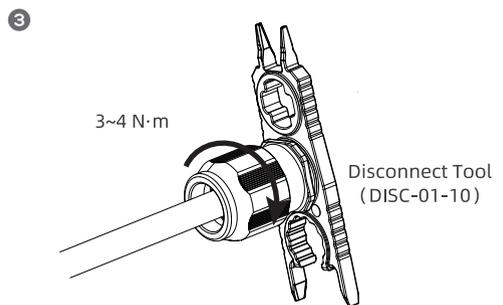
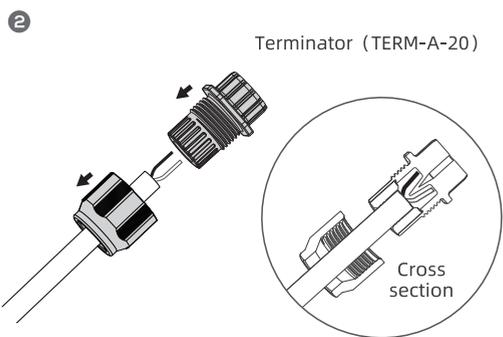


AC Cable Sealing (SEAL-MA-50)

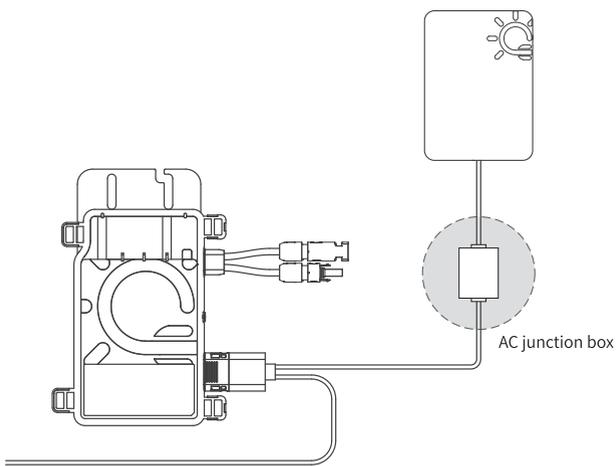
# 03 Treat Head End of the Cable



Terminator (TERM-A-20)



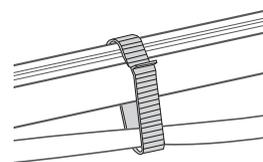
# 04 Treat Tail End of the Cable



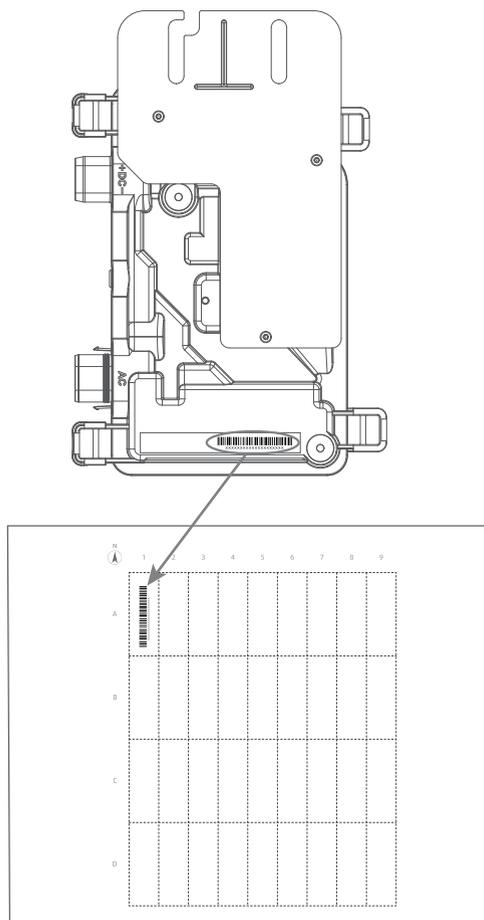
**!** For the wiring method of the AC junction box, please refer to the wiring diagram in the appendix of the user manual.

# 05 Manage the Cable

Fix the cable using cable tie at an interval of at least 1m to prevent the cable and the connector from touching the roof.

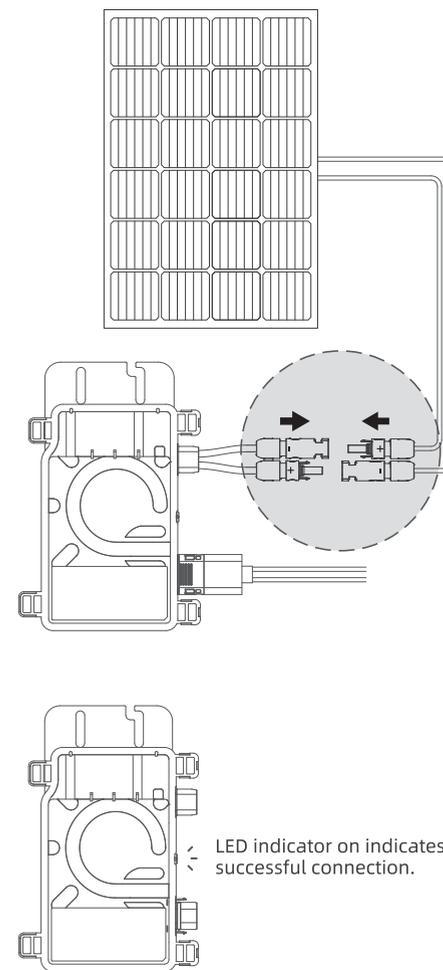


# 06 Creat the Installation Map



**!** Ensure the barcode is applied with the correct and consistent orientation.

# 07 Connect the PV Module



**!** 1. Before wiring, remove the protective caps from the device.  
2. The "+" and "-" markings on the DC connector indicate only the male/female, not the actual current polarity.

**!** 1. Ensure correct polarity of the positive and negative connections, and do not cross-connect PV module cables.  
2. If the connection cable of the PV module is not long enough, please use DC Extension Cable (W-4010D-01) for connection.

# 08 Activate the System

Please install combiner and activate the system using OneHo-Installer APP.

For specific instructions on system activation, please refer to the OneHo-Installer APP user manual.



LED indicator description:

Green-slow flash (1s)	Normal operation
Green-fast flash (0.2s)	Normal generation, No communication with gateway
Orange-fast flash (0.2s)	No power generation, Non-grid fault
Orange-slow flash (1s)	No power generation, AC grid fault
Green/orange-alternating flash (1s)	Online upgrading
Green-solid, orange-slow flash (1s)	Firmware corruption
Orange-solid, green-slow flash (1s)	Starting up