

Envertech EVT560 & EVT720+EVB300 Quick Installation Guide



Please read and follow the safety and installation instructions below. You can find and download the instructions or other technical documents on our website: www.envertec.com.

Components

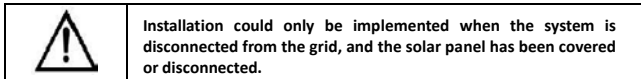
Microinverter	Monitoring Device	Monitoring APP
EVT560 & EVT720	EverBridge	EnverView



PV Module	60-cell / 72-cell module	
AC Extension Cable (Optional)	To connect the AC side to the grid. Three-wire cable: AWG12 or above.	
AC End Cap	To seal the end of unused AC cable.	

Note: EnverView App version should be 2.6 and above and EVB300 firmware version should be EVB300-E-N-001-14 and above.

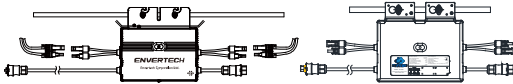
Envertech EVT560 & EVT720 Microinverter Installation



1. Mount microinverters onto the rack

Mark out the estimated center of each PV module on the rack to facilitate locating microinverters.

Mount all microinverters under modules to avoid rain and sun, with the trademark facing downward.

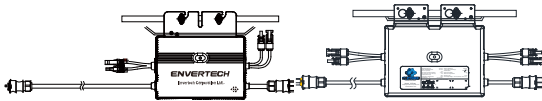


Please make sure that there are less than 10 units of EVT560, or 8 units of EVT720 in each branch (12AWG).

2. Grounding

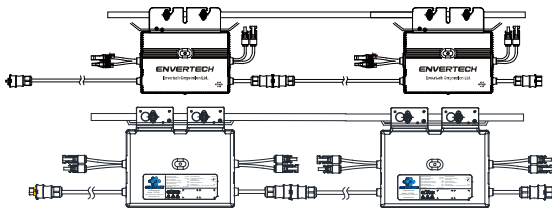
Microinverters and modules must be connected to the grounding conductor in accordance with national standards.

Fix the grounding wire with screws to the microinverter's grounding hole, so that the grounding of microinverters can be realized.



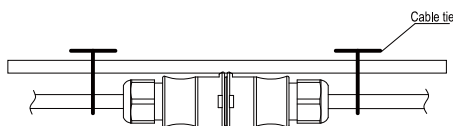
3. Connect microinverter AC cables serially

Connect the AC connectors on both sides of microinverters in a hand-in-hand way.



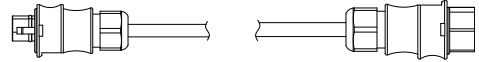
4. Fasten AC cables

Fasten AC cables and grounding cables to the rack with cable ties.



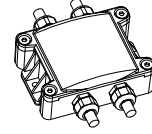
5. Seal the unused connector of AC cable

Insert the end cap directly into the connector on the unused end, and check if it is inserted in place.



6. Connect AC cable to the junction box

Connect AC cable to the input of the junction box.



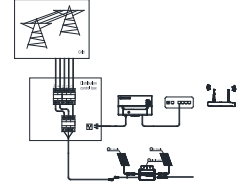
7. Mount EverBridge

Take out the power cord and connect it to the EVB300. Screw on the antenna. Wait 3 minutes till the EVB300 green light blink, you can start the operation after booting EVB300.

1) Installation

Option 1: Ethernet Mode

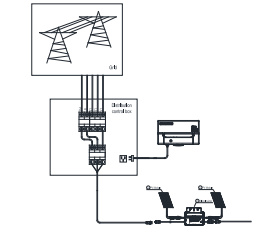
- Fix EVB300 at proper position in or close to the distribution box;
- Run the RJ45 cable and connect the EVB300 to your router;
- Put the EVB300 plug into the socket.



Option 2: Wireless mode

- Fix EVB300 at proper position in or close to the distribution box within the range Wi-Fi signal.

Turn off the air switch and connect EVB300's power cable to the air switch.

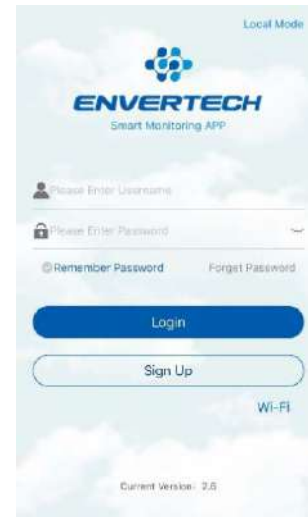


2) Wi-Fi configuration setting

- Connect network whose name is as same as your monitor's SN in your cellphone.



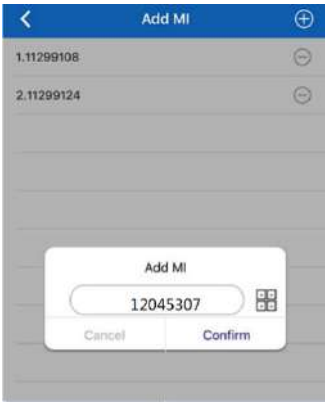
- Open EnverView and click Wi-Fi Setting.



Or you can scan the bar code.

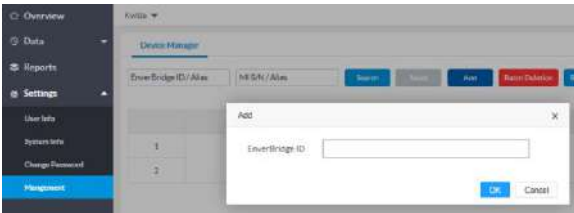


Step 3: Click confirm to finish Adding MI.

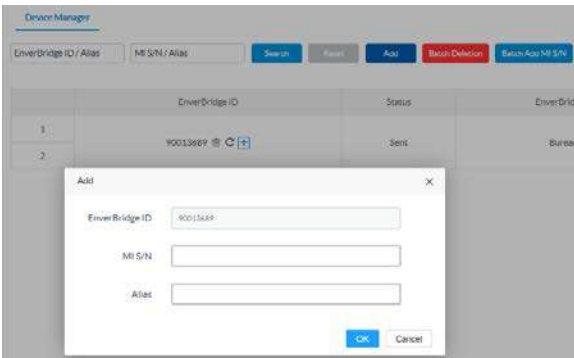


Option 3. Use Envertecportal to add MI

Step 1: Login www.envertecportal.com with the newly-registered account, go to "Settings—Management".

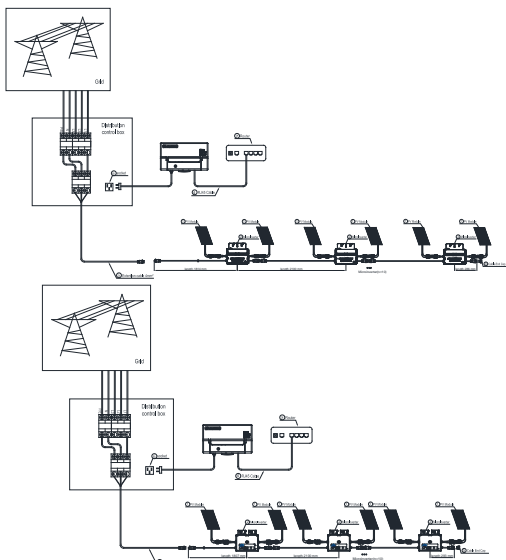


Step 2 : Click Add, then enter the SN of Monitor, click OK to finish adding monitor. : Click "+" button behind the Monitor SN, then enter the SN of microinverter, click OK to finish binding.

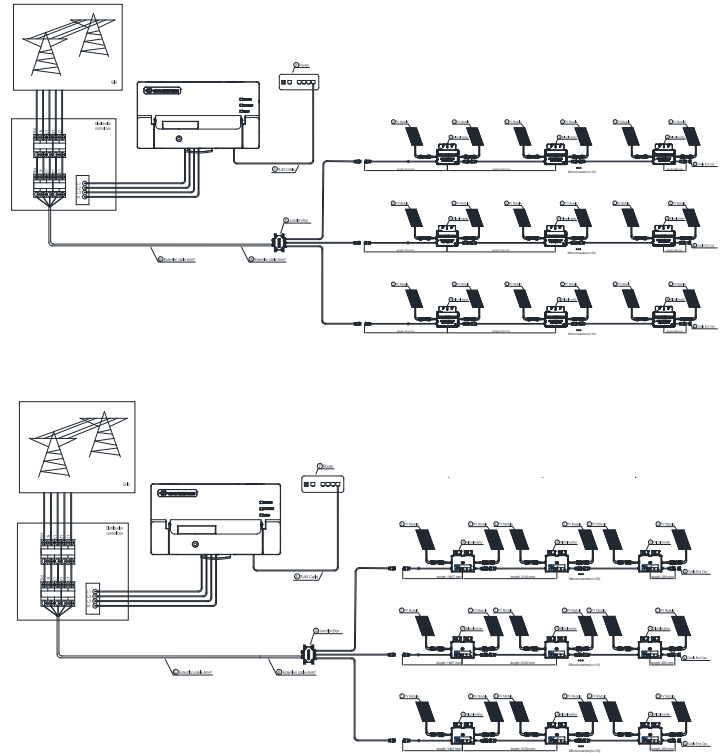


12. Attachment:

1) Single Phase installation



2) Three Phase installation



Unscrew the front cover with the complimentary hex screwdriver, then plug wires on each phase into the corresponding connector of EVB300.

