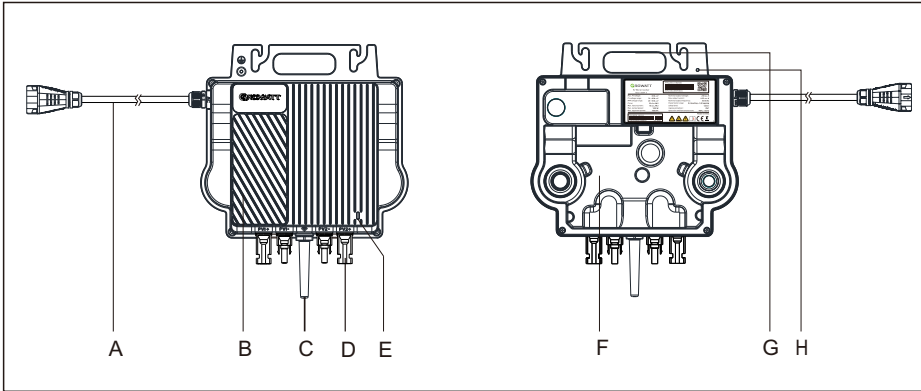


### 1. Overview

#### 1.1 Microinverter Overview

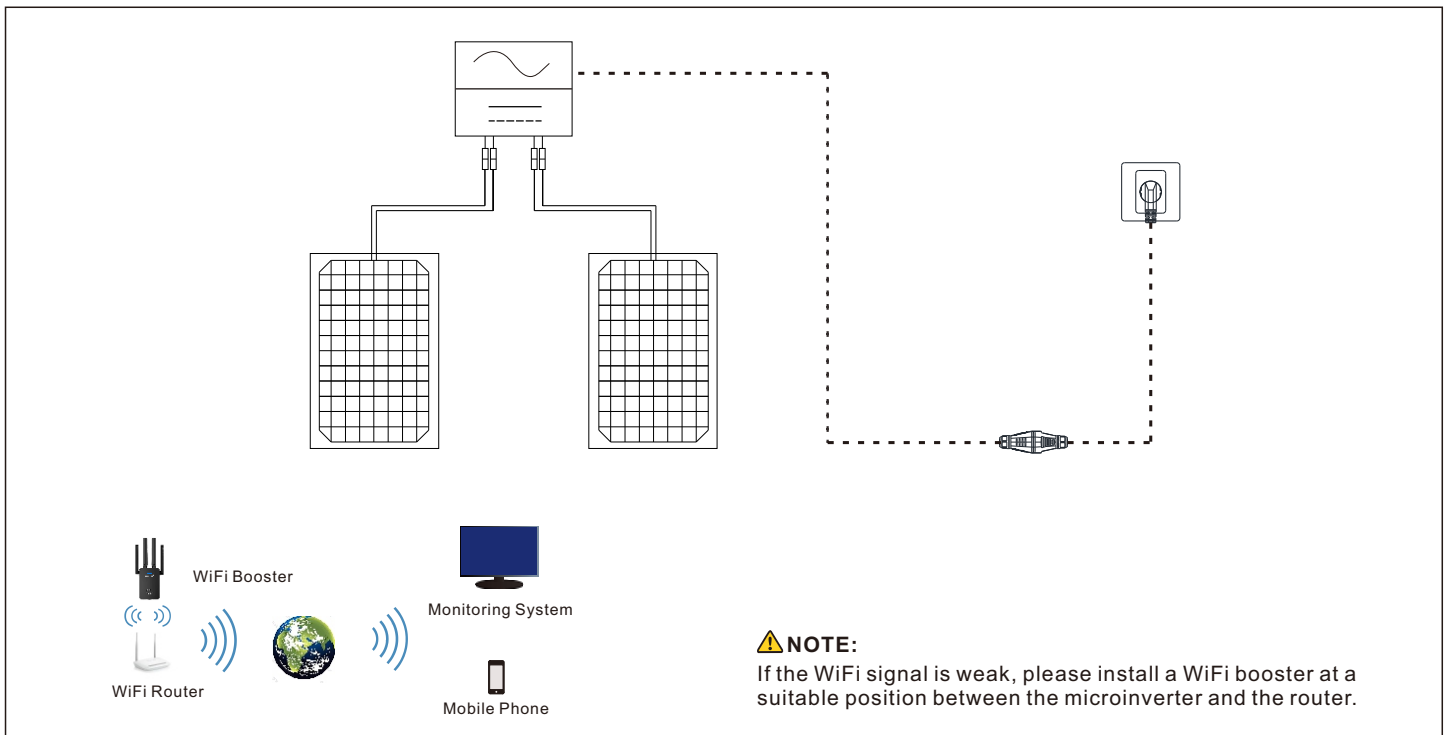


Item	Description
A	AC cable
B	Heat sink
C	Antenna
D	PV terminal
E	LED
F	Back plate
G	Handle
H	Grounding hole

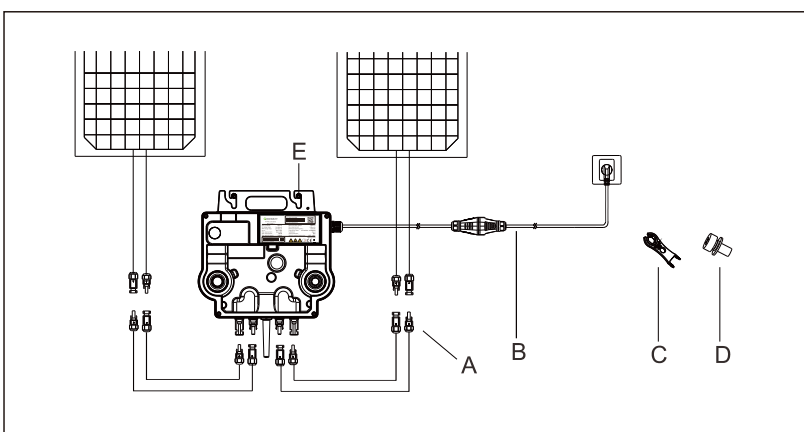
**⚠ Note:**

1. This document is intended for use as a quick installation guide. For details, please refer to the Installation and Operation Manual.
2. Growatt shall not be liable for any damage caused by improper operations.

#### 1.2 System Overview



#### 1.3 Accessories



Item	Description
A	PV Extension Cable
B	AC Adapter Cable
C	AC Cable Disconnect Tool
D	Grounding screw(M4*6)
E	Mounting screw (M8*22)

**⚠ NOTE:**

The PV extension cable and the AC adapter cable should be prepared by the installer.

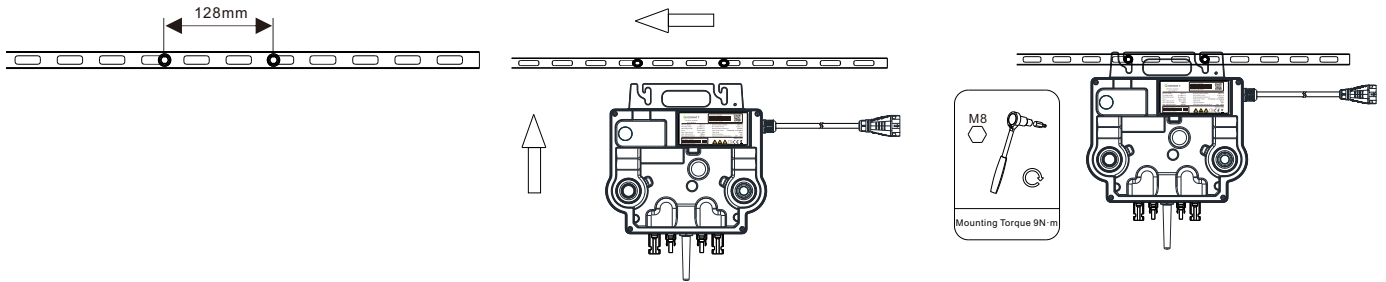
## 2. Installation Procedures

### ⚠ NOTE:

The sequence can be changed based on your installation plan.

### Step 1. Install the NEO Microinverter

a. Mount the NEO Microinverter to the rail using accessories recommended by your module racking vendor.

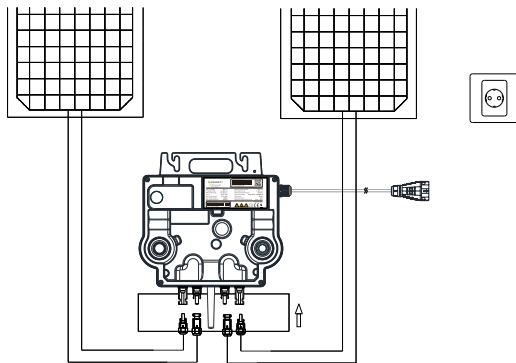


### Step 2. Ground the system

- The AC cable has an embedded PE wire, which might be sufficient to ensure proper grounding.
- In some areas, a second protective conductor is required to prevent a touch current in the event of a malfunction in the original protective conductor. The additional grounding can be done by grounding the screw hole on the handle.

### Step 3. Connect the PV module

- Mount the NEO Microinverter below the PV modules.
- Connect the DC cables of PV modules to the DC input of the Microinverter.



### ⚠ WARNING:

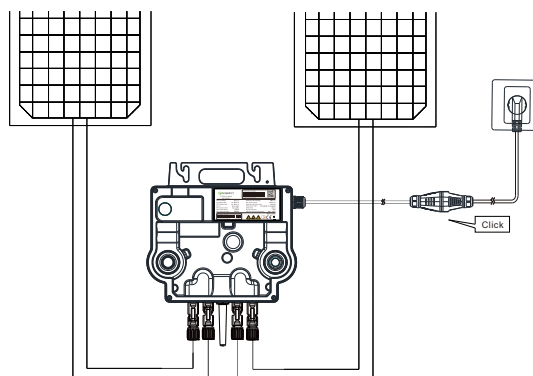
Ensure that the Microinverter and all DC and AC connectors are not exposed to direct sunlight, rain and snow. Do not install the Microinverter at the gap between the PV modules. Maintain a minimum of 20 mm clearance between the roof and the back plate of the Microinverter to ensure ventilation and heat dissipation.

### ⚠ NOTE:

- If the DC cable is too short for installation, use the DC Extension Cable to connect PV modules to the Microinverter, otherwise the PV terminals will be damaged.
- Do not connect the positive and negative DC cables into two different input channels. It is recommended to use PV1-F cables.

### Step 4. Connect the Microinverter and AC adapter cable

- Connect the AC cable with the AC adapter cable. Make sure that you hear a click sound as proof of a robust connection.
- Plug the AC adapter cable to the socket to wire it to the local grid network.



#### Step 5. Power on the system

Upon the completion of electrical connections, the system will start generating power in about two minutes.

#### Step 6. Set up the Monitoring System

Please refer to the WiFi Configuration Guide to set up the monitoring system.

#### Step 7. Post-installation check (for qualified installer only)

Post-installation Checklist			
No.		Check items	Y/N
1	DC	All DC connectors are connected to PV modules securely	
2	AC	The AC cable is securely connected with the AC adapter cable	
3		The ground wire is properly installed(optional)	
4	Monitor	The monitoring system is working properly	

### 3. Service and contact

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