

Quick Start Guide

Solaria PowerXT-R-AC Module Mounting Guidelines

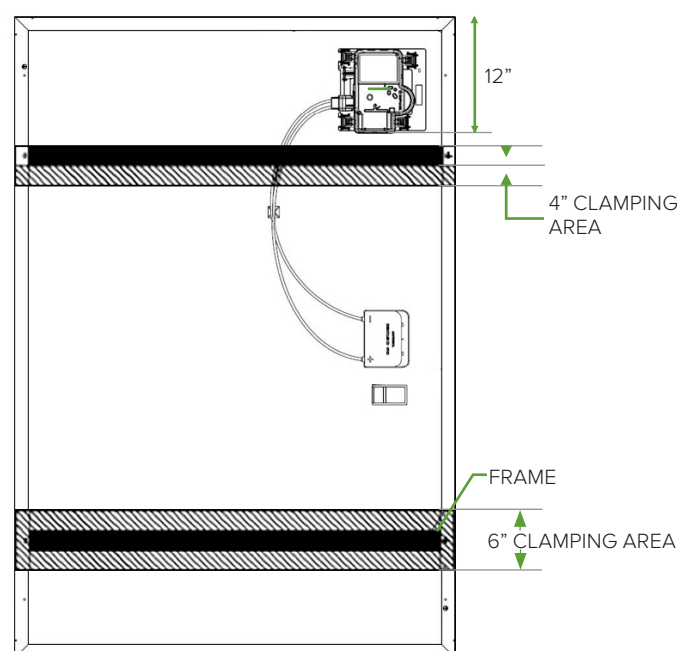
Important: This guide is not intended to replace the Solaria PowerXT-R-AC Module installation instructions. This is a brief overview of the module mounting installation process. *Always refer to the Installation manual for all safety and proper installation methodologies.*

Step 1. Plan and install the racking

Allowable rail locations with example of typical rail configuration shown back of module view.

Step 2. Position the Enphase Q cable

- Plan each cable segment to allow drop connectors on the Enphase Q Cable to align with each AC Module. Allow extra length for slack, cable turns, and any obstructions.
- Lay out the cabling on the racking for the AC branch circuit. Make sure the cable is positioned in a way that allows you to connect it to the microinverter.



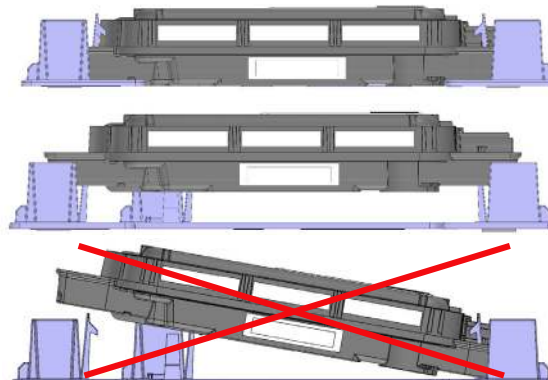
Step 3: Connect the Enphase Q Cable into the junction box (Transition box to your homerun wiring)

Step 4: Terminate the Unused End of the Cable

Step 5: Ground the system

Step 6: Prepare the AC Modules

Before installing the AC module, the microinverters must be lifted from the shipping position. On the ground, turn the AC Module so that the microinverter faces you. lift the microinverter up. You will hear four clicks as the microinverter locks into the installation position.



Step 7: Use the Serial Number Labels to Create the Installation Map.

The Enphase Installation Map is a diagram of the physical location of each module in your PV installation. Record the module placement for the system or provide your own layout if you require a larger or more intricate installation map.

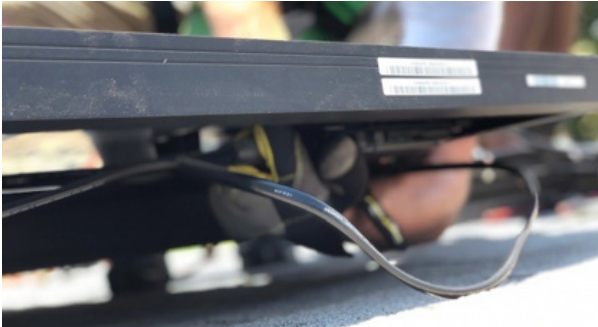


Step 8. Connect the Microinverters as the AC Modules are Installed

- A.** Place the modules on the roof. Do not place the modules in such a way that places pressure on the microinverter. Minimum distance from the top edge of the module to the rail should be about 12 inches.



- B.** As each module is installed, connect the Q Cable to the microinverter. Listen for a click as the connectors engage.



Step 9. Manage the Cabling





Use cable clips to attach the cable to the module frame. Leave no more than 1.8 m (six feet) between cable clips.



Step 10. Energize!

If applicable, turn ON the AC disconnect or circuit breaker for the branch circuit.

- Turn ON the main utility-grid AC circuit breaker. Your system will start producing power after a five-minute wait time.
- Check the LED on the connector side of the microinverter.

LED COLOR	INDICATES
 Flashing green	Normal operation. AC grid function is normal there is communication with the Envoy.
 Flashing orange	The AC grid is normal but there is no communication with the Envoy.
 Flashing red	The AC grid is either not present or not within specification.
 Solid red	There is an active "DC Resistance Low, Power Off" condition or "GFDI" fault. To reset, refer to "DC Resistance Low – Power Off Condition" below.

