

What you need to do before installing your first IQ8 Microinverter system

Applicable regions: South Africa

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1. Key information

- Enphase Installer App is required to commission systems with IQ8 Series Microinverters. Without the Enphase Installer App, IQ8 Series Microinverters will not communicate with the IQ Gateway and have the required grid profile applied. IQ8 Series Microinverters will not produce power until the grid profile has been applied during the commissioning process.
- Only use the Enphase Installer App to scan IQ8 Series Microinverters using the bar codes. Do not use the PLC-scan button on the IQ Gateway.
- Commissioning time of IQ8 systems will take longer than IQ7 systems. This is due to:
 - Mandatory IQ Gateway software update (approx. 30 min).
 - After provisioning is complete, it takes 10-15 minutes before IQ8 Series Microinverters start to produce power.
- Compatibility with IQ7 Series Microinverters:
 - IQ8 Series Microinverters can be added to existing IQ7 systems on the same IQ Gateway/IQ Combiner/IQ System Controller only in the following configurations:
 - (i) Solar Only (ii) Solar Plus Battery (IQ Battery 3T/10T or IQ Battery 5P) grid-tied (iii) Solar Plus Battery (IQ Battery 5P) with backup with IQ System Controller 3 INT.
 - IQ7 Series Microinverters cannot be added to a site with existing IQ8 Series Microinverters on the same gateway.
 - A mixed system of IQ7 and IQ8 will not support the IQ8-specific Sunlight Jump Start feature.
 - The peak power output of the IQ7, IQ8 Microinverter arrays must not exceed 150% of the IQ Battery's total rated power output. If the microinverter array exceeds this ratio, PV shedding must be implemented to shed excess PV when the system transitions to off-grid mode.

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2. At the office

1. Install the latest edition of the Enphase Installer App.
Your Enphase Installer App needs an update. Go to the App Store or Play Store and download software version 4.8.4 or higher (with the orange Enphase logo, NOT the older grey logo).



2. Open your Enphase Installer App and log in.
You need to log in to the app while you have a stable internet connection. This will allow data to sync with the Enphase Installer Platform and enable offline operation later.
3. Download the IQ Gateway software in the Enphase Installer App.
To do so, in the app, go to **Menu**, then **Settings**, and download the latest IQ Gateway software onto your mobile device. You need to have version 8.03.5263 or higher.

3. On site

1. Download new software on the IQ Gateway.

Your IQ Gateway requires a software update to support IQ8 Series Microinverters. Uploading the new software can take up to 30 minutes. During this time, your phone must remain connected to the IQ Gateway using AP mode or be connected to the same Wi-Fi network to allow the software to download from your mobile device to the gateway. While the software update through the AP mode is in progress, your phone must be within 3-5 meters away from the IQ Gateway.

Start the software update of the IQ Gateway as early as possible in the installation process to avoid unnecessary waiting times.

Scan the bar codes of the IQ8 Series Microinverters and go to step 4 of the commissioning process, and tap the **Provision device** button. It will take approximately 10-15 minutes for the microinverters to start producing power after the provisioning is complete.

After this software upgrade and completing the provisioning steps, you are ready to go.

Repeat step 4 at each new IQ8 Series Microinverter installation.

The software update will be required until the IQ Gateway ships from the factory with the software version required for IQ8 Series Microinverters. We expect this soon and will keep you informed when it becomes available.

2. Review the status of each microinverter.

At the end of the provisioning process, check the status of all microinverters using the Enphase Installer App. In the app, navigate to step 2, where you can check the status of each microinverter. Note that you must be connected through AP mode to check the status.

For more help and guidance, visit the [Enphase Energy Training YouTube channel](#).

4. Revision history

Revision	Date	Description
ING-00057-2.0	December 2025	Updated information on compatibility with IQ7 Series Microinverters.
ING-00057-1.0	February 2025	Updated information on backward compatibility.

Previous releases.