

Enphase Energy

Enphase Energy presents the first commercially available Micro-inverter for residential and commercial solar PV applications. An Enphase Micro-inverter is a revolutionary solar inverter that will significantly increase your system's energy harvest, provide the highest possible reliability, and dramatically simplify your installation process.

Enphase Energy Enlighten Monitoring System

With the Enlighten website, customers can view at-a-glance detailed information on the performance of their system and each individual solar module. The website provides current and lifetime information for a true view of the benefits of your solar energy installation.

Per-module Monitoring

Enlighten monitors the performance of every module in your system. Unlike third party monitoring systems which only monitor your inverter, E E provides unprecedented visibility into the performance of every individual module.

Integrated Monitoring

Enphase Energy's monitoring technology is integrated into the Enphase Micro-inverter System which means that you do not need to install or test a bolt-on or stand-alone third-party monitoring tool. This system architecture dramatically simplifies the installation of the system.

Flexible Views

The Enlighten website provides harvest information in various forms - including summary views, totals by day/week/month/life-time, and time-lapse motion summary - for the entire array and individual modules. This richness of data collected from each module helps the owner troubleshoot and verify the solar system performance.

Analytics

Enlighten is continuously monitoring the performance of your system and will highlight any deviation in performance by comparing the harvest of individual modules to the harvest of surrounding modules. Customers can choose to be sent an alert upon certain conditions, and panels can be replaced either during routine maintenance or at the installer's convenience.

The Enphase Enlighten website works in conjunction with the Enphase Micro-inverter and the Enphase EMU.