

July 9, 2013

# **Enphase Energy Introduces Fourth Generation Microinverter System**

New M250 Microinverter and MyEnlighten Software Coming Soon

SAN FRANCISCO--(BUSINESS WIRE)-- Today <u>Enphase Energy</u>, <u>Inc.</u> (NASDAQ: ENPH) introduced its fourth generation of solar microinverters that work together with Envoy advanced communications gateway and Enlighten intelligent monitoring software platform to deliver reliable, high-performance solar arrays. The Enphase System now includes an M250 microinverter that produces 250-Watts peak AC output power and MyEnlighten, an intuitive, web-based solar monitoring solution designed for system owners.



Enphase microinverters have revolutionized solar power generation, leading Enphase Energy to be named the number one residential PV inverter supplier in the Americas, according to industry data published yesterday by IHS Research in its PV Inverter World Market Report - 2013.

"We're excited to introduce our fourth generation microinverter system and proud of our achievement of being named the leading PV inverter vendor in the Americas by IHS Research," said Paul Nahi, CEO of Enphase Energy. "With the improved M250 and new Enlighten, we expect to continue to set the bar for performance, reliability and ease-of-use and installation in our industry."

Enphase M250 Microinverter: Optimized for high-power solar modules, the M250 microinverter produces 250-Watts peak AC output power and pairs with 60-cell modules up to 300W STC. The M250 is rated at 96.5 percent CEC weighted efficiency, the highest efficiency in the industry for microinverters. In addition, the M250 has been built to withstand the most grueling

Enphase M250 Microinverter (Photo: Business Wire)

environmental conditions. It is NEMA 6 rated and has undergone over one million hours of testing in extreme temperature and humidity environments prior to launch. The new Enphase System continues to be supported by an industry-leading 25-year warranty.

The M250 also supports a new integrated ground feature, again a first in the industry for microinverters. Because the M250 microinverter's DC circuit is isolated and insulated from ground, it eliminates need for a separate copper Grounding Electrode Conductor (GEC) to each microinverter. This improvement allows for faster installation time and lower materials costs.

**Enlighten Software Platform**: Enlighten is an intelligent web-based monitoring software platform that provides solar professionals and system owners with ongoing operations and uptime assurance. It now comes available in two different versions.

For solar professionals, Enlighten Manager offers web based tools to monitor and manage multiple installations, streamlining the operations and maintenance processes. Solar professionals can view detailed performance data from a fleet of PV installations, compare actual system performance data against modeled performance, remotely diagnose and resolve issues impacting system performance and access performance data for PV module warranty claims.

For solar energy system owners, MyEnlighten offers an engaging interface to view and share energy production and environmental benefits of their solar arrays. From any device with an Internet connection, system owners can access ataglance views of energy production, compare current performance against a previous day, week or month, view historical weather data to understand variations in performance and share performance data with friends and colleagues through integrated social media buttons.

**Envoy Communications Gateway**: The Envoy Communications Gateway connects the solar array with network access, enabling comprehensive monitoring and management of an Enphase installation. The latest Envoy supports up to 500 microinverters. This means a single Envoy can support a residential or small commercial system up to 100kW, and multiple Envoys can be used for larger system sizes. In addition, powerline communications has been enhanced to provide greater noise immunity, longer range and higher performance resulting in improved connectivity between Envoy and the solar array.

The new Enphase System will be available through authorized distribution in North America in September and available in Europe and Australia in 2014. For more information about the new Enphase System, visit enphase.com.

### **Enphase System Training during Intersolar North America**

Join a two-hour preview training session of the new Enphase System on Tuesday, July 9 at 9:00 a.m. - 11:00 a.m. or 1:00 p.m. - 3:00 p.m. at the Four Seasons Hotel, Yerba Buena Room, 757 Market Street in San Francisco. To register, visit info.enphase.com/Intersolar2013.

## Visit Enphase Energy at Intersolar North America (Soligent Booth #7731 and CED Booth #7209):

Join Enphase at Intersolar North America at Joint Forces for Solar's 11th PV Briefing & Networking Forum USA on July 10 at the Innovation Exchange Area, Booth #9659. Enphase will also host customers and partners in San Francisco at a Tweetup with Solar Power World, Enphase Wine Country Lounge at the Solar Summerfest Party and Enphase and Soligent Networking Party. For more information about where to meet Enphase, visit info.enphase.com/Intersolar2013.

#### About Enphase Energy, Inc.

Enphase Energy delivers microinverter technology for the solar industry that increases energy production, simplifies design and installation, improves system uptime and reliability, reduces fire safety risk and provides a platform for intelligent energy management. Our semiconductor-based microinverter system converts energy at the individual solar module level and brings a systems-based, high technology approach to solar energy generation. Connect with Enphase on <a href="Facebook">Facebook</a> and follow us on <a href="Twitter.vww.enphase.com">Twitter.vww.enphase.com</a>

### Forward-Looking Statements

This press release may contain forward-looking statements, including statements related to Enphase Energy's financial performance, market demands for its products, advantages of its technology and market trends. These forward-looking statements are based on the company's current expectations and inherently involve significant risks and uncertainties. Actual results and the timing of events could differ materially from those anticipated in such forward-looking statements as a result of these risks and uncertainties and other risks detailed in the "Risk Factors" and elsewhere in Enphase Energy's latest Securities and Exchange Commission filings and reports. Energy undertakes no duty or obligation to update any forward-looking statements contained in this release as a result of new information, future events or changes in its expectations.

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Source: Enphase Energy, Inc.

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