

## **Enphase M190 Microinverter Model Available**

New Model Offers Size, Efficiency and Reliability Improvements

**PETALUMA, Calif. - (June 1, 2009)** - Enphase Energy, Inc., the world's leading manufacturer of solar Microinverter Systems, today announced the availability of the newest generation of its Microinverter family – the M190 model – that supports 60- and 72-cell modules.

In addition to a 30% decrease in unit size, the M190 model boasts 95% CEC efficiency and further improvements in reliability. With this release the Enphase Microinverter Mean Time Between Failure (MTBF) rating increases from 119 years to 331 years. The MTBF rating is verified by Relex, a respected Silicon Valley testing company that is the provider of choice for many companies with high-reliability needs such as those in the defense, aerospace, and telecommunications industries. The reliability rating is further validated by over 10 million unit hours of operation of Enphase microinverters in the field.

“We had already set the bar with the reliability rating of our first generation of microinverters. Not content to rest on our laurels, we’ve pushed the reliability benchmark even higher with this new generation,” Paul Nahi, CEO, Enphase Energy. “Our rapid growth is a result of the recognition that Enphase provides both the best *unit* reliability in the industry, as well as the best *system* reliability, with no single point of system failure.”

“We have been installing solar systems for 32 years, and Enphase is our inverter of choice for all our sales bids, both residential and commercial. It is the field-proven and customer-requested microinverter solution that has fundamentally changed our business model through the benefits it provides in terms of ease of design, installation, and management,” James Whitcomb, President, Haleakala Solar Inc.

The M190 is available for immediate shipping. Contact an Enphase distribution partner for pricing and ordering details: AEE Solar, DC Power, Focused Energy, Solar Depot, and Sunwize.

Enphase Microinverter Systems convert the DC output of a single solar module into grid compliant AC power. Enphase systems maximize energy harvest, increase system reliability and are easier to design, install and manage than systems installed with traditional inverters. Tests have

demonstrated that Enphase Microinverters deliver 5% to 25% more energy harvest than traditional, centralized inverters. In addition, a proprietary communication technology is embedded into each Microinverter, enabling continuous, remote, per-panel monitoring to maximize energy production.

### **About Enphase Energy**

Enphase Energy provides solar energy management systems for residential and commercial markets. The company offers a networked system, which includes high-efficiency microinverters, communications and web-based analytics. The systems increase energy harvest, increase system reliability, and simplify design, installation and management. Founded in 2006 and based in Northern California, the company is led by veterans from the solar and high tech industries and backed by industry leaders. For more information, please visit [www.enphaseenergy.com](http://www.enphaseenergy.com) or call (707) 763-4784.

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