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Next-Generation AC Solar Modules Integrate LG High-Efficiency Panels with Enphase Advanced Microinverter Technology

New microinverter-integrated solar panels to provide reliable, fast-to-install, high-performance ACM solution at a low cost

PETALUMA, Calif.--(BUSINESS WIRE)-- LG Electronics (LG) and Enphase Energy, Inc. (NASDAQ:ENPH), have agreed to integrate Enphase's microinverter technology into LG Electronics' new generation of AC solar modules (ACM) for the global solar market.

The LG high-performance backsheet-integrated ACM will incorporate Enphase's next-generation S-series microinverter with LG's high-efficiency NeON 2 photovoltaic (PV) panels. Initial shipments of the LG-Enphase ACMs are expected to begin in the second half of 2016.

"Large solar distributors, installers and fleet owners want a reliable, low-cost, high-performance AC module product," said Stefan Zschiegner, vice president of product management at Enphase. "Pairing LG's NeON 2 modules with Enphase's advanced S-series microinverters will create an ACM that works with our smart home energy solution. The LG-Enphase ACM will simplify the supply chain, reduce capital and labor costs, and shorten the design and installation process."

"The factory integration of LG's NeON 2 modules next year with the Enphase microinverter system is expected to provide the high level module quality and performance desired today by distributors and installers," said Ellen Kim, senior vice president of energy solutions, LG Electronics USA. "With a single SKU for the module and inverter, simplified warranty process, and one-stop after-sales technical support, the LG-Enphase ACM also will offer asset management advantages."

The LG-Enphase ACM collaboration brings together two solar industry pacesetters. LG has become a leading innovator in the high-power PV module sector, while Enphase has established itself as the top residential inverter and module-level power electronics company in the United States.

The LG NeON 2 is the latest addition to [the company's family of high-efficiency PV modules](#). Based on LG's monocrystalline Cello technology, the 60-cell LG NeON 2 offers a peak output of up to 320 watts. The LG NeON 2 recently won the Intersolar Award 2015 for excellence in the PV module category.

The advanced, smart grid-ready [Enphase S-Series Microinverter](#) is designed to meet current and future requirements for distributed solar on utility networks, including the Rule 21 tariff in California. The fully bidirectional, software-defined microinverter system supports reactive power control and other advanced grid functionalities.

About LG Electronics USA

LG Electronics USA, Inc., based in Englewood Cliffs, N.J., is the North American subsidiary of LG Electronics, Inc., a \$56 billion global force and technology leader in consumer electronics, home appliances and mobile communications. LG Electronics, a 2015 Energy Star Partner of the Year, sells a range of stylish and innovative home entertainment products, mobile phones, home appliances, commercial displays, air conditioning systems, LED lighting and solar energy solutions in the United States, all under LG's "Life's Good" marketing theme. For more information, please visit <http://www.lg.com> and <http://www.lgsolarusa.com>.

About Enphase

Enphase Energy, a global energy technology company, is leading the charge to bring smart, connected solar energy to every home, business and community. The company delivers simple, innovative and reliable energy management solutions that advance the worldwide potential of renewable energy. Enphase has shipped approximately 10 million microinverters, and more than 370,000 Enphase residential and commercial systems have been deployed in more than 95 countries. Join Enphase on [LinkedIn](#) and [Twitter](#) and visit www.enphase.com for more information.

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