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Enphase Energy Enters into Energy Storage Business with AC Battery

Introduces a modular, plug-and-play solution that is fully integrated into the Enphase Energy Management System

LAS VEGAS--(BUSINESS WIRE)-- **Solar Power International 2014 - Booth 812** -- [Enphase Energy, Inc.](#) (NASDAQ:ENPH), announced today its Enphase AC Battery, an advanced energy storage solution with a modular, plug-and-play storage device fully integrated with the just-introduced [Enphase Energy Management System](#). Based on a distributed architecture, the AC Battery is a safe, reliable and easy-to-install storage solution, designed for residential and commercial applications. The modular battery provides system owners with the ability to store solar energy for nighttime or future use, optimizing solar power consumption and giving owners greater energy independence.

"Storage is going to be a multi-billion dollar market and will be essential in helping solar gain broader acceptance and higher penetration," said Raghu Belur, co-founder and vice president of products and strategic initiatives at Enphase. "It provides benefits for the system owner, while also helping with grid stability. We are bringing the same technological innovation to storage that we brought to solar, by pairing our innovative distributed architecture with the best-in-class battery chemistry in the industry."

The AC Battery and Enphase Energy Management System will provide new opportunities for the company's strong sales channels. As part of the AC Battery rollout, Enphase has engaged several installation companies for pilot projects, including Lennar Homes, Hawaii Energy Connection and Vivint Solar in the U.S.; Pretty Green Energy, CJ Solar and Domuneo in Europe; and Metro Solar in Australia.

"Lennar and Enphase have developed a strong relationship that helps enable our groundbreaking Solar 20/20 Plan™ to bring clean energy and monthly savings to buyers of our new homes," said David Kaiserman, president of Lennar Ventures and CEO of SunStreet Energy Group. "We are pleased to be selected as a participant in the Enphase AC Battery beta testing program and recognize the importance of energy storage to expanding solar further into the mainstream."

Enphase has selected ELIY Power, a Japanese battery manufacturer backed by Daiwa House, as the chemistry provider for Enphase AC Battery. Daiwa House is Japan's largest homebuilder. ELIY Power is dedicated to the development and manufacturing of large-sized stationary batteries, putting safety above all else.

"We wanted to find a battery partner that would provide us with the right technology for stationary storage, especially around performance and safety," continued Belur. "After an extensive evaluation of different energy storage companies and battery chemistries, we chose lithium iron phosphate and ELIY Power. The batteries' long cycle life, high performance and safety features, as well as the company's impeccable quality standards, fit in well with Enphase's strong commitment to reliability, performance and continuous improvement."

"We believe the intelligent combination of solar power and storage will be an increasingly important energy solution for the world," said Hiroichi Yoshida, president of ELIY Power. "We are so honored and excited about our partnership with Enphase, which is a testament to our batteries' performance and safety. The combination of our leading battery technology with Enphase's leading power electronics creates a truly innovative storage solution. We welcome the opportunity to deliver volume quantities of our high-quality batteries and to work together with Enphase to become a global market leader."

The Enphase AC battery, equipped with the S-series microinverter, will provide 1.2 KWh of energy storage and 275W/550W power-output. Scalable and easy to install, the battery can also be monitored and controlled with the Enphase Enlighten software interface. The Enphase Energy Management System, including the Enphase AC Battery, will be available through authorized distribution channels in the second half of 2015.

To learn more about the Enphase AC Battery and the Enphase Energy Management System, visit Enphase at Solar Power International (Booth 812) in Las Vegas, October 21-23, 2014.

About ELIY Power

ELIY Power is a leading manufacturer of high-capacity lithium-ion batteries for electricity storage. Established in 2006 in Tokyo, ELIY Power has its own technology development center and fully automated factories in Japan, with annual

production capacities of 1.2 million battery cells in total. Utilizing a wide range of cutting-edge technologies, ELIYY Power's lithium-ion batteries offer world-leading safety and performance. Its home page is <http://eliyypower.co.jp/english/index.html>.

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 [Facebook](#) and follow us on [Twitter](#). www.enphase.com

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