



Enphase Energy Announces General Availability of Enphase IQ™ 7A Microinverters for Solar Modules Up to 450 W

FREMONT, Calif., Oct. 28, 2019 (GLOBE NEWSWIRE) -- [Enphase Energy, Inc.](#) (NASDAQ:ENPH), a global energy technology company and the world's leading supplier of solar microinverters, today announced that the Enphase IQ™ 7A microinverter for high-power monofacial and bifacial solar modules will begin shipping to customers in North America in November 2019. The IQ 7A microinverter augments the lineup of seventh-generation Enphase microinverters with support for modules up to 450 W, targeting high-power residential and commercial solar applications.

With a maximum output power of 366 VA (Volt-Amperes) and 97% CEC efficiency, Enphase IQ 7A microinverters can generate up to 14% more power than any previous generally available Enphase IQ microinverter. The IQ 7A microinverter maintains the compact form factor of the seventh-generation IQ family of microinverters and leverages the same groundbreaking semiconductor integration for high reliability and economies of scale. Enphase customers will be able to pair the IQ 7A microinverter with monofacial or bifacial solar modules, up to 450 W, from solar module manufacturers who are expected to introduce high-power variants of their products in the next three years. IQ 7A microinverters paired with high-power modules allow solar installers to reduce the number of modules required for a given system output and provide installers the peace of mind of knowing that Enphase microinverters can support future high-power modules.

"With IQ 7A microinverters, we continue to deliver on our vision of innovation, high quality and reliability, and a reduction in the overall cost of delivered electricity by making installation easy," said Badri Kothandaraman, President and CEO of Enphase Energy. "We are proud to offer our customers this industry-leading technology that makes clean energy more affordable and accessible to all, with features that both homeowners and many commercial solar customers want."

Enphase IQ 7A microinverters are compatible with 60-, 66-, or 72-cell solar modules and are designed to support residential as well as commercial solar applications. As with all Enphase IQ microinverters, the IQ 7A microinverter is powered by Enphase's unique software-defined architecture and includes built-in support for Rapid Shutdown and compliance with California Rule 21 requirements.

Installers in the U.S. are excited about offering the Enphase IQ 7A microinverter to their residential and commercial solar customers:

"After years of installing Enphase microinverters and experiencing the continued product developments and improvements first-hand, we are very excited to have the opportunity to offer the next generation high-power IQ 7A micros," said Wayne Irwin, director of engineering at Pure Energy Solar. "Enphase has helped make our installations more efficient, reliable, and safer, and the IQ 7A will enable us to take system design to the next level with higher wattage and higher efficiency modules. Enphase products, coupled with Pure Energy Solar's focus on top quality installations and customer service, continue to inspire our customers to write glowing reviews and provide abundant referrals."

"We only deploy Enphase microinverters in our commercial solar systems, and the Enphase IQ 7A microinverter will allow us to scale to higher power 72-cell modules on our proprietary ground-mount systems and deliver more output to our customers," said Jim Straeter, president of Ag Technologies, Inc. "We started using Enphase in 2012 and have never looked back since installation is simple, and the technology is very reliable. The systems we build are up to 1 MW in size, and Enphase Enlighten monitoring gives us the pinpoint-accuracy required for efficient operations and maintenance work on systems with thousands of micros."

"The new Enphase IQ 7A inverters will allow us to maximize production of the high-power modules we use by providing greater power during peak sun hours, which yields in a greater return on investment for

our customers,” said Carlos Martinez, owner of Solar Roots in Puerto Rico. “The customers we serve understand that solar is an economic decision, and they appreciate that we use Enphase to design solar systems that fit their energy needs without having to buy more solar than they need.”

Enphase microinverters are subjected to a rigorous reliability and quality testing regimen with over one million hours, the equivalent of more than 100 years of test cycles. The company’s microinverters are designed to be long-lived energy assets, expected to be operational in heat, high humidity, salty air, extreme cold, and across the harshest climate conditions. To further help ensure quality and durability, Enphase microinverters do not contain complicated moving parts or easily breakable components, such as fans. For more information about Enphase IQ microinverters, please visit the Enphase Energy [website](#).

About Enphase Energy, Inc.

Enphase Energy, a global energy technology company, delivers smart, easy-to-use solutions that connect solar generation, storage and management on one intelligent platform. The Company revolutionized the solar industry with its microinverter technology, and we produce a fully integrated solar plus storage solution. Enphase has shipped more than 21 million microinverters, and over 940,000 Enphase systems have been deployed in 130 countries. For more information, visit www.enphase.com and follow the company on [Facebook](#), [LinkedIn](#) and [Twitter](#).

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Forward-Looking Statements

This press release may contain forward-looking statements, including statements related to expected quality, performance and advantages of Enphase Energy’s products and technology, including the simplicity of installation, the accessibility and affordability, the market requirements and adoption, and the safety and reliability of our products. These forward-looking statements are based on Enphase’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 certain risks and uncertainties including those risks described in more detail in Enphase’s most recent Annual Report on Form 10-K and other documents on file with the SEC and available on the SEC’s website at www.sec.gov. Enphase 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, except as required by law.

Images Available: <http://go.enphase.com/enphase-media-room>

Contact: Christian Zdebel, pr@enphase.com, 484-788-2384



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