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Bonfiglioli Receives UL-Certification For Inverters with Ampt Mode®

Bonfiglioli's RPS Inverters with Ampt Mode® Lower Total System Cost and Are Available Up To 3,500 kVA Output Power for 1000 Volt DC Systems

San Francisco, Calif.—July 14, 2015—[Bonfiglioli Vectron GmbH](#) today announced that it has received UL1741/IEEE1547/IEEE1547.A compliance certification from ETL/Intertek for its RPS inverters with Ampt Mode® for the North American solar market. The turnkey inverter solution is now available in output powers ranging from 500 kVA to 3,500 kVA for 1000 volt DC systems – making it the industry's largest power station to meet UL 1741 standards.

The Ampt Mode variant of Bonfiglioli inverters refers to a higher and narrower input voltage operating range that makes it possible for the RPS inverters to deliver up to 25 percent more power than the same inverter without Ampt Mode, depending on plant conditions. Getting more power from the inverter lowers its cost per watt.

Bonfiglioli RPS inverters with Ampt Mode are deployed with Ampt String Optimizers – which are DC power converters that put voltage and current limits, as well as multiple maximum power point trackers (MPPT), on each string. This optimized system has twice the number of modules per string and half the number of combiners and cabling to save on electrical balance-of-system costs. The solution also has four maximum power point trackers (MPPT) per string, which is a 100x increase in resolution over conventional systems, to improve photovoltaic (PV) plant performance.

Bonfiglioli has been designing and developing innovative and reliable power transmission and control solutions for over 50 years, and is a worldwide leader in commercial and utility-scale PV solar inverter solutions with over 2.5 GW installed.

“We are pleased to achieve UL certification to meet the demands of our customers installing systems where this is a requirement,” said Robert Lenke, head of product management of Bonfiglioli's Renewables Business Unit. “With this certification, our North American customers are able to realize lower cost systems with better performance.”



“This is an important milestone for Ampt and our partnership with Bonfiglioli,” said Levent Gun, CEO at Ampt. “It’s a pleasure working with a world class company like Bonfiglioli to deliver differentiated value to our customers.”

More information regarding Bonfiglioli products is available at: <http://www.bonfiglioliusa.com/>. For additional information about Ampt’s products, please visit www.ampt.com.

About Bonfiglioli

The Bonfiglioli Group, now present in over 80 countries worldwide, has been offering complete solutions for the industrial and renewable energy sectors since 1956. Thanks to years of continuous investment, Bonfiglioli is one of the top players in solar energy generation today. Bonfiglioli Vectron designs and manufactures highly innovative inverter solutions for photovoltaic applications at its center of excellence in Krefeld, Germany. Bonfiglioli offers tailored solutions, whose strength lies in the advanced content of each product and the intelligent integration of different technologies. In addition to products of certified quality, Bonfiglioli customers benefit from an extensive sales network and impeccable pre-sales and after-sales service to create the world’s top solar energy installations. Bonfiglioli offers the capacity and financial stability necessary to guarantee worldwide service and assistance for the entire lifetime of your installation. To learn more, visit <http://www.bonfiglioli.com>.

About Ampt

Ampt delivers innovative power conversion technology and communications capabilities that are optimizing the way PV systems are designed. The company, along with strategic partners in the [HDPV Alliance](#), is lowering system cost and increasing energy generation to improve ROI and broaden the solar market.

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