



SMA Solar Technology AG – Press Release

SMA Solar Technology AG presents new central inverter Sunny Central CP-US

Niestetal / Rocklin / Toronto, 28th August 2012 – For PV projects in the US and Canada SMA Solar Technology AG introduces the UL listed Sunny Central CP-US featuring 1,000 VDC Maximum System Voltage and integrated grid management. The newest inverters in SMA’s Sunny Central family the Sunny Central 500 / 630 / 720 / 750 / 800 CP-US, are now available for utility and commercial applications. The inverter series is the most cost-effective and efficient inverter line of its power classes.

“With Sunny Central CP-US we have developed an economic and versatile central inverter, which can be deployed in a broad range of applications”, explains Jeanette Klockgether, Executive Vice President (Sales & Marketing) Power Plant Solutions at SMA Solar Technology AG. “Its CEC record efficiency, UL listing and unique feature set means developers can utilize this solution for both commercial and utility scale applications.”

The SMA inverters also offer industry leading CEC inverter efficiencies up to 98.5 percent and peak efficiencies up to 98.7 percent, the highest in the utility-scale power class. It delivers full nominal power at ambient temperatures up to 50 °C and 10 percent additional power for continuous operation at ambient temperatures up to 25 °C. Sunny Central CP-US inverters are equipped with an outdoor enclosure featuring SMA’s patented OptiCool technology, which enhances system performance and durability and simplifies installation.

The CP-US inverters are among the first to be UL listed at 1,000 VDC, allowing them to be installed in both behind-the-fence utility-scale projects as well as outside-the-fence commercial systems where listed products are required by NEC. They also feature an integrated AC disconnect in compliance with NEC 2011 requirements.

The Sunny Central CP-US is also available in a UL listed, ungrounded array option which is able to continuously detect ground faults on both the positive and negative conductors. The flexibility of the Sunny Central CP-US series will appeal to solar professionals who need a solution for installations that vary in scale. Multiple power classes offer exceptional flexibility when sizing a system.

The inverters feature advanced grid management functions including reactive power supply, frequency-dependent active power limitation, and low voltage ride through. When paired with an external step-up transformer, the Sunny Central CP-US can be interconnected either at medium voltage through the utility distribution grid or at low voltage to three-phase commercial services.



They are also compatible with SMA's Medium Voltage (MV) Power Platform and Power Plant Controller for utility-scale applications. Northland Power Inc. is currently installing MV Power Platforms equipped with Sunny Central CP-US inverters for a project in Ontario, Canada, which will total 130 MW upon completion.

About SMA

The SMA Group generated sales of €1.7 billion in 2011 and is the global market leader for solar inverters, a key component of all PV plants and, as an energy management group, offers innovative key technologies for future power supply structures. It is headquartered in Niestetal, near Kassel, Germany, and is represented in 21 countries on six continents. The Group employs more than 5,500 people worldwide, plus a number of temporary employees that varies on a seasonal basis. SMA's broad product portfolio includes a compatible inverter for every type of module on the market and for all plant sizes. The product range includes both inverters for photovoltaic plants connected to the grid as well as inverters for off-grid systems. SMA is therefore able to provide ideal technical inverter solutions for all plant sizes and types. Since 2008, the Group's parent company, SMA Solar Technology AG, has been listed on the Prime Standard of the Frankfurt Stock Exchange (S92) and also in the TecDAX index. In recent years, SMA has received numerous awards for excellence as an employer and achieved first place in the nationwide "Great Place to Work" competition in 2011 and 2012.

SMA Solar Technology AG

Sonnenallee 1
34266 Niestetal
Germany

Head of Corporate Communications:

Anja Jasper
Tel.: +49 561 9522-2805
Presse@SMA.de

Press contact:

Susanne Henkel
Manager Corporate Press
Tel.: +49 561 9522-1124
Fax +49 561 9522-421400



Presse@SMA.de

Investor Relations contact:

Julia Damm

Manager Investor Relations

Tel. +49 561 9522-2222

Fax +49 561 9522-2223

IR@SMA.de

Disclaimer:

This press release serves only as information and does not constitute an offer or invitation to subscribe for, acquire, hold or sell any securities of SMA Solar Technology AG (the "Company") or any present or future subsidiary of the Company (together with the Company, the "SMA Group") nor should it form the basis of, or be relied upon in connection with, any contract to purchase or subscribe for any securities in the Company or any member of the SMA Group or commitment whatsoever. Securities may not be offered or sold in the United States of America absent registration or an exemption from registration under the U.S. Securities Act of 1933, as amended.

This press release can contain future-oriented statements. Future-oriented statements are statements which do not describe facts of the past. They also include statements about our assumptions and expectations. These statements are based on plans, estimations and forecasts which the Managing Board of SMA Solar Technology AG (SMA or company) has available at this time. Future-oriented statements are therefore only valid on the day on which they are made. Future-oriented statements by nature contain risks and elements of uncertainty. Various known and unknown risks, uncertainties and other factors can lead to considerable differences between the actual results, the financial position, the development or the performance of the corporation and the estimates given here. These factors include those which SMA has discussed in published reports. These reports are available on the SMA website at www.SMA.de. The company accepts no obligation whatsoever to update these future-oriented statements or to adjust them to future events or developments.