Press Release
SMA America and SMA Canada

SMA Strengthens Sunny Boy TL-US Series with Two New Powerful Models

Robust 7,000- and 7,700-Watt Inverters with Secure Power Supply Ideal for Large Residential PV Projects

ROCKLIN, Calif., Oct. 15, 2014—SMA has further expanded its hugely popular line of Sunny Boy TL-US inverters with Secure Power Supply, this time with 7,000- and 7,700-watt models. The higher power ratings of the new Sunny Boy 7000TL-US and 7700TL-US make them ideal for large residential PV projects. Like all of the Sunny Boy TL-US inverters with Secure Power Supply, these new models are able to provide daytime power in the event of a grid outage.

SMA Expands Sunny Boy TL-US Series with 7,000- and 7,700-Watt Models
Photo courtesy of SMA America and SMA Canada

The Sunny Boy 7700TL-US is specially configured for homes with 200-amp service panels, allowing solar installers to maximize system size and energy production without expensive service panel upgrades.

"With the addition of these new inverters, the Sunny Boy TL-US series with Secure Power Supply now includes seven models, starting at 3,000 watts," said Henry Dziuba, president and general manager of SMA America and president of SMA Canada. "This wide range of power classes, including two models specially designed for service-constrained systems, offers installers the right fit for virtually any residential PV application."

Each model of the Sunny Boy TL-US series is equipped with the popular Secure Power Supply feature, which addresses the needs of grid-tied system owners during power outages. It makes it possible for the inverter to provide up to 1,500 W of daytime standby power when the grid is down for charging laptops, cell phones and more, without the need of additional, costly batteries.

Additional features of the Sunny Boy TL-US series include a transformerless design that ensures high efficiency and reduced weight, and integrated DC AFCI functionality meeting NEC arc-fault protection requirements and certified to the UL 1699B standard. It also provides easy monitoring and control features, including a large

graphic display and the optional plug-and-play Webconnect data module for easy system monitoring with direct data transmission to Sunny Portal.

With leading CEC efficiencies, a wide input voltage and extended operating temperature ranges from -40 to 140 F, the Sunny Boy TL-US series offers maximum power production under a variety of conditions. The inverter's shade-tolerant OptiTrac™ Global Peak MPP tracking algorithm and two MPP trackers provide increased energy production for complex arrays with partial shading or multiple roof orientations.

SMA is developing rapid shutdown capability for the Sunny Boy TL-US series to meet 2014 NEC 690.12 requirements. The Rapid Shutdown Kit will be on display at Solar Power International in Las Vegas, October 20-23 and is planned for release in early 2015.

The Sunny Boy TL-US line of inverters is available through an authorized SMA distributor. To learn more about each distribution partner, solar professionals can visit SMA America's website and click "Where to Buy".

About SMA

The SMA Group generated sales of more than €930 million in 2013 and is the global market leader for solar inverters, a key component of all PV plants. SMA offers innovative key technologies for future power supply structures. It is headquartered in Niestetal, near Kassel, Germany, and is represented in 21 countries. The Group employs more than 5,000 people worldwide. 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 grid-connected photovoltaic plants as well as off-grid and hybrid system technology. The product portfolio is supplemented by comprehensive services and operational management of utility-scale pv-plants. 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 www.SMA-America.com/www.SMA-Canada.ca

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