

Press Release

SMA America and SMA Canada

SMA Introduces Webconnect Monitoring for Residential and Small Commercial PV Systems

Simplified Solution Provides Direct Data Exchange with Sunny Portal

ROCKLIN, Calif., Feb. 13, 2014—SMA has unveiled a new solution that simplifies online monitoring of residential and small commercial photovoltaic systems. [Webconnect](#) enables direct data transmission from the inverter to SMA's [Sunny Portal](#), the world's largest Web-based PV monitoring platform, through the system owner's existing Internet connection, without the need for additional communications or data-logging devices. This easy, cost-effective solution monitors plant data and performance of systems with up to four inverters.

**SMA Webconnect**

Photo courtesy of SMA America and SMA

Webconnect is available across the full range of SMA Sunny Boy inverters—including the new [240-US](#) micro inverter and [3000TL-US/3800TL-US/4000TL-US/5000TL-US](#) transformerless inverters with Secure Power Supply—as well as the [Sunny Tripower TL-US](#), SMA's new three-phase, transformerless inverter.

"SMA Webconnect provides an innovative option for simplified system monitoring, which is a critical component of any PV system," said Henry Dziuba, president and general manager of [SMA America](#) and president of [SMA Canada](#). "With free online

connectivity to Sunny Portal, system owners can access PV system data anytime and anywhere via the Internet or Sunny Portal application for iPhone, iPad, iPod touch and Android phones, further adding to its convenience."

Following the simple installation of the Speedwire/Webconnect data module and connection to the Internet, Webconnect commissioning is plug and play. Once configured, key plant data is accessed and displayed in a clear format by Sunny Portal and automatic product updates ensure that the device firmware is always up to date. Any operation irregularities or interferences are quickly detected, and an email notification is sent through the Sunny Portal.

As a standard feature of the Sunny Boy 240-US, Webconnect provides module-level monitoring via the micro

inverter's exclusive SMA Sunny Multigate technology, which enables greater communication and production reliability by mitigating power line interference as well as the damaging effects of temperature-related stress commonly found under a module.

For the Sunny Boy 3000TL-US/3800TL-US/4000TL-US/5000TL-US, the Speedwire/Webconnect data module is an optional accessory that can be quickly inserted into the inverter during installation. These transformerless inverters include innovative Secure Power Supply functionality, a groundbreaking feature that allows them to provide up to 1,500 W of daytime standby power in the event of a grid outage for charging laptops, cell phones and more, without the need of additional, costly batteries.

Meanwhile, each Sunny Tripower 12000TL-US/15000TL-US/20000TL-US/24000TL-US inverter comes with a factory-installed Speedwire/Webconnect data module. The Sunny Tripower offers unmatched design flexibility, high efficiency and enhanced safety, making it the ideal solution for decentralized commercial photovoltaic plants.

About SMA

The SMA Group generated sales of €1.5 billion in 2012 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 internationally 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 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. www.SMA-America.com/www.SMA-Canada.ca

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