



SMA Solar Technology AG – Press Release

Smart Module Technology From SMA and Tigo Can Now Be Planned With Sunny Design

Niestetal, October 17, 2016 – Sunny Design, the design software for PV systems from SMA Solar Technology AG (SMA), now allows PV systems to be planned using smart module technology from Tigo Energy. System planners and installers are now able to ensure optimal and technically sound PV system configurations using TS4-R module optimizers. The number of module optimizers required for a planned PV system is specified as early as the planning phase.

“The design software provides installers with indispensable support in professional PV system planning,” said Dr. Thomas Straub, Senior Product Manager at SMA. “In terms of system design, the latest update to Sunny Design also incorporates PV systems with intelligent module optimization for shaded modules. In addition to the TS4-R module optimizers, Sunny Design includes other components offered by the solution from SMA and Tigo. These include the Tigo Cloud Connect Advanced management unit and the Tigo Gateway for system communication. System planners benefit from the fact that Sunny Design automatically selects the required functions of SMA and Tigo’s solution during the design process, based on what is most cost-effective.”

Modern module optimization with SMA

In cooperation with Tigo Energy, SMA has been offering solutions for yield optimization and monitoring at the module level for both existing and new PV systems since August. With the “Selective Deployment” function, for example, only shaded modules are equipped with an optimization function. As a result, the energy yield of the entire PV system can be cost-effectively increased. With previous solutions, every PV module had to be equipped with an optimizer, whether or not it was necessary. You can find more information about the latest generation of PV system optimization on our website at www.SMA.de/Tigo-en.

Free system design anywhere

Sunny Design Web, the free software for PV systems from SMA, can be used for all types of PV systems and with all SMA inverters and technologies, including energy storage systems. The software is available globally at www.SunnyDesignWeb.com and can be used to calculate the perfect PV system configuration for individual needs, when provided with key information.



About SMA

The SMA Group with sales of €1 billion in 2015 is the global market leader for solar inverters, a key component of all PV plants, and offers innovative key technologies for future power supply structures. It is headquartered in Niestetal, near Kassel, Germany, and is represented in 20 countries. The Group employs more than 3,000 people worldwide. SMA has an extensive range of products, which offers the right inverters for all module types and plant sizes; for small residential systems as well as large-scale plants, grid-connected photovoltaic systems as well as off-grid and hybrid systems. Moreover, SMA offers system technology for various battery technologies and system sizes and collaborates with renowned battery manufacturers and companies from the automotive industry. The SMA technology is protected by about 700 patents and utility models worldwide. The range of services is supplemented by comprehensive services and operational management of large-scale PV power 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 is currently the only company in the solar industry that is listed in the TecDAX index.

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

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