



SMA Solar Technology AG Press Release

The Three-phase Inverter for Residential and Small Commercial Systems

Sydney, April 3, 2013 – SMA Australia introduces new power classes to the Sunny Tripower range. Packed with great features, the new Sunny Tripower 5000TL – 9000TL is designed for residential and small commercial systems, boasting a high level of flexibility, outstanding efficiency and the first-class communication technology, Webconnect.

Multistring Concept for a High Level of Flexibility

Just like the 10 to 17 kW Sunny Tripower, this Sunny Tripower also has two independent MPP trackers for Optiflex, the asymmetrical Multistring concept. "Installers benefit from a high degree of module compatibility and seamless construction that suits the required number of modules with just one inverter," explains product manager Wilfried Vogt.

Excellent Peak Efficiency and Shade Management

The Sunny Tripower for private homes and small commercial systems has all the same features as the larger Sunny Tripower. "Its technical specifications make it the standard for mid to large scale residential PV systems," emphasises Vogt. The device has an excellent peak efficiency of over 98 percent and highly efficient shade management thanks to OptiTrac Global Peak.

First-Class Communication Technology

As well as improving on *Bluetooth*® communication with an external *Bluetooth*®-antenna, this new Sunny Tripower model comes with integrated SMA Webconnect as standard. This new direct data exchange interface facilitates quick communication with Sunny Portal, which allows the user to track the key performance data and control up to four inverters. It's easy to setup, the LAN cable only needs to be plugged into an external socket and connected to the router. Then register the plant in Sunny Portal and the Plug & Play installation is complete. Any possible abnormalities or interferences in operation will be quickly detected, and a notification will be sent by e-mail through the Sunny Portal, ensuring that the Sunny Tripower secures optimal plant availability.

Innovative German Engineering

Featuring cutting-edge technology and top yields, this inverter is setting new standards in its power class. SMA has been delivering PV inverters around the world for over 30 years and German engineering makes SMA technology the highest quality. The Sunny Tripower 5000TL – 9000TL is AS/NZS 5033 compliant.

The Sydney-based Service Team at SMA Australia are available on 1800 SMA AUS, providing a high level of local technical support.



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.

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