

Press Release  
SMA America and SMA Canada

## **SMA Increases Performance of Decentralized Commercial PV Plants with New Three-Phase, Transformerless Inverter**

UL Listed Sunny Tripower TL-US Offers Design Flexibility, High Efficiency and Enhanced Safety

ROCKLIN, Calif., July 23, 2013—SMA has released its best-selling inverter to the North American solar market. The Sunny Tripower TL-US is a three-phase, transformerless inverter featuring unmatched design flexibility, high efficiency and enhanced safety, making it the ideal solution for decentralized commercial photovoltaic plants. It is available in 12, 15, 20 and 24 kilowatt models.



**SMA Sunny Tripower 12000TL-US/15000TL-US/20000TL-US/24000TL-US**

Photo courtesy of SMA America and SMA Canada

"With the Sunny Tripower TL-US, SMA is bringing the sophistication of its utility-scale approach to the commercial market," said Henry Dziuba, president and general manager of SMA America and president of SMA Canada. "This innovative inverter is hugely popular and successful around the world and now solar professionals in North America have a reliable, efficient option for decentralized commercial-scale PV."

UL listed for up to 1000 V DC maximum system voltage, the Sunny Tripower 12000TL-US/15000TL-US/20000TL-US/24000TL-US boasts peak efficiency of more than 98 percent while its OptiTrac™ Global Peak maximum power point (MPP) tracking algorithm further maximizes energy production by minimizing the effects of shade. It is suitable for both 600 V DC and 1,000 V DC applications and offers two independent MPP trackers, a combined or detached connection unit, and myriad mounting configurations (vertical to 15 degrees from horizontal), further increasing design flexibility.

Safety and reliability have been enhanced with the Sunny Tripower TL-US due to its all-pole ground fault protection, integrated AFCI, reverse polarity indicator and DC monitoring per MPPT, granular down to four strings.

The Sunny Tripower TL-US delivers a future-proof solution with full grid management and innovative monitoring and communications features, as well as SMA Service, technical support and plant-wide O&M availability. Also included with the Sunny Tripower 24000TL-US is SMA's Sunny Tripower Performance Package, which ensures

maximum power production and reduced investment risk, thereby providing owners and integrators with an unmatched level of confidence that their systems will perform to specification.

The Sunny Tripower TL-US is available through SMA's new [North American distribution program](#). To locate an SMA Authorized Distributor, solar professionals can visit SMA America's website and click ["Where to Buy"](#) to learn more about each distribution partner.

**Related Video:**

[SMA Sunny Tripower TL-US](#)

**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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