



Press Release

SMA America and SMA Canada

SMA Provides Solar Installers Increased Flexibility with New 30-48 kW Sunny Tower Configurations

Inverter System Ideal for Commercial-Scale PV Systems

ROCKLIN, Calif. and TORONTO, Aug. 23, 2011—SMA has expanded the capacity of its [Sunny Tower](#) inverter system, which is ideal for commercial-scale PV arrays, to include 30 through 48 kW configurations. With the Sunny Tower, solar professionals can now install any combination of [SMA Sunny Boy 5000-US, 6000-US, 7000-US and 8000-US](#) inverters to create a custom power output based on the overall PV system design. These Sunny Boy models are certified to UL and CSA standards and meet domestic-content requirements for the U.S. and Canada.



SMA Sunny Tower

Photo courtesy of SMA America and SMA Canada

“The ability to mix-and-match Sunny Boy inverters with the Sunny Tower increases design flexibility while providing leading reliability and world-class efficiencies,” said Jurgen Krehnke, president and general manager of [SMA America](#) and president of [SMA Canada](#). “It also allows installers to apply their existing experience and tools in the residential market to attract commercial-grade projects.”

In addition to providing an exceptional degree of design flexibility and an increased energy harvest, the Sunny Tower allows installers to apply a decentralized approach to commercial systems, which results in less labor, reduced DC cabling, and lower operation and maintenance costs.

Sunny Tower features include a sealed electronics enclosure and rugged stainless-steel, outdoor-rated structure; Opticool™ temperature management system; and a modular design that eliminates the need for cost-prohibitive heavy machinery for installation. Prewired for three-phase utility interconnection, it has an integrated load-break-rated lockable AC/DC disconnect switch and fused-series string combiner. A 10-year warranty also is included.

The Sunny Boy 5000-US, 6000-US, 7000-US and 8000-US inverters offer class-leading efficiencies up to 97 percent. Their longevity is enhanced via SMA’s patented



OptiCool™ active temperature-management system and rugged cast-aluminum, outdoor-rated enclosure. Automatic grid-voltage detection and an integrated DC disconnect switch simplify installation, ensuring safety while saving time. These models also feature galvanic isolation and can be used with all types of modules—crystalline as well as thin-film. Sunny Boy inverters include a 10-year factory warranty, with the ability to extend up to 20 years.

The Sunny Tower can be paired with the [Sunny WebBox](#) data logger, which tracks system performance. That data can then be transmitted by cable to the free SMA [Sunny Portal](#), the world's largest Web platform for monitoring, managing and presenting photovoltaic systems.

About SMA

The SMA Group, with sales of 1.9 billion euros in 2010, is the world market leader for solar inverters, a component that lies at the heart of every solar power system. Its headquarters is situated in Niestetal near Kassel and it also has 17 foreign subsidiaries situated on four continents. In 2010, the Corporate Group employed over 5,000 persons (including temporary staff). SMA produces a wide spectrum of inverter types, the optimal inverter for each type of solar module used and offers all the power classes required for solar power systems. The product portfolio includes both inverters for grid-connected solar power systems and stand-alone systems. Since 2008, the parent company SMA Solar Technology AG has been listed in the Prime Standard of the Frankfurt Securities Exchange (S92) and in the TecDAX. Over the past few years, SMA has received several awards for its outstanding performance as an employer and lately reached first place in the federal "Great Place to Work" competition. www.SMA-America.com/www.SMA-Canada.ca

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