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FOR IMMEDIATE RELEASE

SMA AMERICA PROVIDES CUSTOM SOLUTION FOR RESIDENTIAL RETROFITS

Specially Configured Sunny Boy 4000US can now be Installed on Homes with 100 Amp Service

ROCKLIN, Calif., Aug. 13, 2009—[SMA America, Inc.](#) has announced the immediate availability of specially configured [Sunny Boy 4000US](#) solar inverters for use on homes with 100 amp electrical service. The unique solution was initiated through customer feedback and is designed to provide installers with greater flexibility on residential retrofit projects.



SMA Sunny Boy 4000US

Photo courtesy of SMA America

The electric current output of the custom Sunny Boy 4000US inverters has been factory-reduced to 16 amps to comply with National Electric Code (NEC) standards while providing installers additional system sizing options.

“This solution was developed at the request of our customers and it offers installers a custom solution to a common challenge in retrofit systems.” said Jurgen Krehnke, president and general manager of SMA America. “Now installers have access to a larger range of system sizing options while still using the world’s most popular inverter line in homes with 100 amp service.”

While 200 amp service is the current standard, many older homes only have a 100 amp configuration, creating array sizing challenges in systems between three and four kilowatts. Previously, installers were either faced with upgrading a home’s service to 200 amps, which can be costly and time consuming, or restricting the solar system to 3,000 watts while using the Sunny Boy 3000US inverter.

(More)

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The current-reduced Sunny Boy 4000US will come pre-configured with 16 amp current output, the upper limit for 100 amp service, and will provide installers with additional power versus the Sunny Boy 3000US. Installers can place orders for the new configuration through their current dealers and distributors.

Listening to customer feedback and providing innovations based on installer project experience are fundamental components of SMA product development. Demonstrating this commitment, the entire Sunny Boy line was recently updated, at the request of SMA's customers, to accept 20 amp fuses in the AC disconnect as a UL-approved configuration.

Ideally suited for residential and light commercial use, the Sunny Boy models are certified to the UL 1741/IEEE 1547 standard, and lead the CEC list with the highest efficiencies, ranging from 95 to 96 percent. Their longevity is enhanced via their patented OptiCool temperature-management systems and rugged cast-aluminum, outdoor rated enclosures. As proof of their reliability, Sunny Boy inverters are backed by a standard 10-year factory warranty, with options to extend to 15 and 20 years.

The worldwide Sunny Boy lineup includes more than a dozen models, including the [Sunny Boy 3000US/4000US](#) and [5000US/6000US/7000US](#) configurations, geared especially toward the American solar market.

About SMA America, Inc.

SMA America, Inc. is the U.S. subsidiary of SMA Solar Technology AG, based in Germany. SMA is the world leader in solar inverter technology and manufacturing with divisions in ten countries on four continents. SMA is committed to its leadership role, offering exceptional value with the most efficient and reliable solar inverters in the industry. SMA takes special pride in promoting renewable energy solutions at all levels through education, information and support for the general public and solar installers, as well as for small and large businesses worldwide. For more information, call (916) 625-0870 or visit www.SMA-America.com.

Photo Caption: SMA Sunny Boy 4000US

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