



Press Release
SMA America

SMA Expands Residential Portfolio by Adding New Sunny Boy Models with Secure Power Supply Installer-Friendly Sunny Boy 3.0-US/3.8-US/7.0-US/7.7-US Achieves UL Listing

ROCKLIN, Calif., Aug. 9, 2016—SMA has added four new models to its redesigned Sunny Boy inverter line with Secure Power Supply, expanding its portfolio of residential inverter solutions. The UL-listed [Sunny Boy 3.0-US, 3.8-US, 7.0-US and 7.7-US](#) join the 5.0-US and 6.0-US in the newest Sunny Boy lineup providing integrators greater design and installation flexibility. The new models offer a host of improvements that reduce costs and improve ROI, as well as an enhanced Secure Power Supply feature that now provides up to 2,000 watts of opportunity power in the event of a grid outage, allowing operation of larger electrical loads like refrigerators and space heaters without the need of costly batteries.



SMA Sunny Boy 3.0-US/3.8-US/5.0-US/6.0-US/7.0-US/7.7-US

Photo courtesy of SMA America

“The expanded Sunny Boy portfolio is SMA’s most installer-friendly offering to date,” said Marko Wittich, SMA executive vice president of sales for the Americas region. “It provides installers with a broad range of inverter sizes to choose from, allowing greater flexibility in addressing consumer needs while reducing costs.”

With 75 percent fewer required connections compared to previous generations, the newest Sunny Boy models are exceedingly simple to install. After connection, SMA’s Installation Assistant speeds commissioning and reduces time and labor spent in the field.

This versatile inverter solution offers a wide range of powerful options that increase design flexibility. The Sunny Boy provides up to three maximum power point trackers and hundreds of stringing combinations, making it ideal for any market. Integrators can also achieve NEC 2014 rapid shutdown compliance via SMA’s Rapid Shutdown System, while NEC 2017 module-level shutdown can be accomplished ahead of schedule through the company’s recent commitment to module-level power electronic (MLPE) technology. Further MLPE integration will be enabled in the coming weeks, empowering installers with even greater choice in how they optimize their systems – and their business. Visitors to Solar Power International 2016 will get a first-hand look at this powerful new solution.

Moreover, system costs are reduced when installers choose an inverter from the new Sunny Boy lineup. Its integrated DC disconnect decreases the costs associated with equipment stocking and order processing while its two-part enclosure expedites servicing. The Sunny Boy interfaces directly with a smartphone, tablet or notebook via its integrated Webserver and WLAN. This communication platform provides state-of-the-art monitoring via [Sunny Portal](#) for centralized system management, without the material costs or time associated with installing a wired connection, allowing installers to save up to \$700 per average installation.

The Sunny Boy also boasts complete UL 1741 SA grid support capabilities that help maintain voltage, frequency and general grid health. The UL 1741 SA is a draft standard that identifies inverter functions required for optimal grid stability and SMA is the first inverter manufacturer to complete functional and safety testing with UL according to these new requirements.

The entire Sunny Boy line, accessories and Rapid Shutdown System are all now available through SMA's 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.

About SMA

The SMA Group with sales of about €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. www.SMA-America.com

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