SMA America to Showcase Innovations Across Residential, Commercial and Utility-Scale Energy at RE+ 2026

From advanced home backup and commercial energy storage to utility-scale power conversion and next-generation data center solutions, SMA showcases its expanding portfolio and growing U.S. capabilities.

ROCKLIN, Calif., November 10, 2026 – SMA America, a leading global provider of solar and storage solutions, will showcase its latest innovations at RE+ 2026, November 17–19 in Las Vegas, Nevada. With new residential backup capabilities, the launch of a commercial storage solution and advancements in large-scale power conversion technology, SMA is demonstrating how its integrated portfolio supports the evolving energy needs of homeowners, businesses, utilities and data centers.

Visitors to booth N862 will have the opportunity to explore SMA's comprehensive solutions, connect with technical experts and learn how the company is expanding its U.S. capabilities to support customers from system design and commissioning.

Residential: Backup for What Matters Most

SMA will showcase its complete Home Energy Solution, featuring three flexible backup options powered by the Sunny Boy Smart Energy hybrid inverter. SMA Backup Secure provides daytime power for one dedicated circuit, while SMA Backup Select supports up to seven essential household loads. Debuting at RE+ 2026, SMA Backup Home delivers whole-home backup with battery integration, a 200 A service-rated interconnection device and support for up to three inverters.

Compatible battery solutions from 3rd party vendors provide additional flexibility, while the expanded portfolio creates new opportunities in the residential repowering market. As residential solar systems continue to age, installers can turn routine inverter upgrades into comprehensive energy solutions that deliver greater resilience, storage flexibility and long-term value**.**

Commercial: Introducing the SMA Commercial Storage Solution

SMA is now accepting pre-orders for the Commercial Storage Solution, combining the Sunny Island X battery inverter with Lithion's GridBox GB3 battery system to deliver a flexible, AC-coupled storage solution for commercial applications ranging from smaller installations to multi-megawatt projects.

The integrated solution offers 27 kW (208 V) and 60 kW (480 V) inverter power classes, with the ability to scale up to 50 Sunny Island X inverters. Flexible Lithion GridBox GB3 configurations provide storage capacities from 120 kWh to 211 kWh, incorporating U.S. domestic content.

Beyond storage, the 360° app now supports commercial installers, making field commissioning easier. Previously limited to residential systems, it supports Sunny Tripower X inverters, Modbus device integration and grid management configuration.

Large Scale: Advancing Grid Performance and U.S. Energy Infrastructure

For utility-scale customers, SMA will feature innovations advancing grid stability, performance and U.S. energy infrastructure. Highlights include the Sunny Central FLEX platform and its successful deployment at a project site in Arizona, along with a preview of a new hybrid solution expected in 2027. SMA will also present its medium-voltage power station (MVPS) solutions, including 20-foot and 40-foot skid configurations and showcase its expanding U.S. manufacturing capabilities.

Beyond technology, SMA's utility scale business brings more than 230 years of combined U.S. engineering expertise, domestic testing capabilities and comprehensive lifecycle services, including a 99.9% availability guarantee for qualifying solutions, reinforcing its commitment to performance beyond commissioning.

Data Centers: Accelerating Time to Power

Building on its recent expansion into the U.S. data center market, SMA will showcase its portfolio of power conversion architectures designed to help data center developers accelerate time to power while supporting grid stability and operational reliability.

The portfolio includes SMA GridAssist, SMA GridLink AC and SMA GridLink DC, with the latter expected to arrive in 2027.

Attendees can also learn about SMA's tailored Data Center Long-Term Service Agreements, featuring two service models designed to support the evolving operational needs of data center customers throughout the asset lifecycle.

Connecting the Industry at RE+ 2026

In addition to its booth exhibits, SMA will participate in several industry events and partner activations throughout RE+.

On November 18, SMA will join FlexGen and GridStrong for Dispatches – LIVE!. Starting at 11:30 am in W307/W308, Frank Berring, Senior Director of Business Development at SMA America, together with Thomas Scaramellino and Tony Olivo, will discuss Accelerating Large Load Interconnections: From Modeling to Energy Management. This is an exclusive event, by invitation only.

SMA's Lucas Meubrink will also contribute to the RE+ discussion "PV, Storage and Grid Reliability: Turning IBR into a System" November 18, from 3:50 p.m. – 4:10 p.m. in the Las Vegas Convention Center, N252-254.

SMA technology will also be featured at several partner booths across the show floor, including Sunny Island X at Lithion (W17053), Sunny Boy Smart Energy at Renon (N2526) and Sunny Highpower PEAK3 at Hounen (N1173) in collaboration with PROINSO.

Visit SMA America at RE+ 2026, booth N862, November 17–19 at the Las Vegas Convention Center, to explore the latest innovations and connect with the SMA team.

About SMA

As a leading global specialist in photovoltaic and storage system technology, the SMA Group is setting

the standards today for the decentralized and renewable energy supply of tomorrow. SMA's portfolio contains a wide range of efficient PV and battery inverters, holistic system solutions for PV and battery-storage systems of all power classes, intelligent energy management systems and charging solutions for electric vehicles and power-to-gas applications. Digital energy services as well as extensive services round off SMA's range. The SMA PV inverters sold around the world since 2006, with a total output of approximately 156 GW, have helped to avoid greenhouse gas emissions of more than 69 million metric tons of CO2e. This corresponds to avoided environmental costs of approximately €21 billion. SMA's multi-award-winning technology is protected by more than 1,600 patents and utility models. 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 listed on the SDAX and TecDAX indices.

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