# Sunwoda and Acelerex Partner to Deliver Integrated Energy Storage and Smart Microgrid Solutions

SHENZHEN, CHINA, September 18, 2026 /EINPresswire.com/ -- Sunwoda announced a smart battery management and modular microgrid initiative with Acelerex, a U.S.-based software and services company, to expand reliable electricity access in selected international markets across the Indian subcontinent, Africa, South America, and the Caribbean. The proposed collaboration targets integration of Acelerex's REX™ software across Sunwoda battery storage deployments, including grid-connected systems and community microgrids.

> Smart battery management helps protect the storage system, while smart microgrid controls coordinate reliable power for clinics, homes and businesses"
>
> *Dr. Randell Johnson, Founder and CEO of Acelerex*

Sunwoda's BMS monitors and protects the battery; REX™ coordinates storage with solar, optional wind, backup generators and demand. The integration is designed to increase renewable energy use and reduce diesel dependence.

"Smart battery management helps protect the storage system, while smart microgrid controls coordinate reliable power for clinics, homes and businesses," said Dr. Randell Johnson, Founder and CEO of Acelerex. "Modular systems allow communities to expand capacity as more households connect and local businesses grow."

Through this initiative, Sunwoda will contribute battery storage systems and intelligent battery management technology, drawing on its expertise as a BloombergNEF Tier-1 Energy Storage Manufacturer. Acelerex will contribute its REX™ automation software and associated integration services to coordinate storage, solar, backup generation and demand in real time. Together, the two companies aim to provide developers, utilities and community operators in the targeted international markets with reliable, affordable and scalable microgrid solutions supported by remote monitoring, smart diagnostics and metering.

Proposed systems use 125 kW / 261 kWh storage blocks, with five blocks totaling 625 kW / 1.305 MWh of nominal capacity and Sunwoda modular grid scale smart BESS with REX™ can provide power blocks of 1, 2, 4, 6, 8 and up to 20MW for microgrids.

Energy access is a matter of basic human dignity.

## About Sunwoda

Sunwoda Electronic Co., Ltd. (SZSE: 300207), Shenzhen, China, is a global battery technology company serving consumer electronics, electric vehicles and energy storage markets. Sunwoda provides integrated storage products and solutions. https://en.sunwoda.com/

## About Acelerex

Acelerex, Cambridge, MA, is a U.S. software and services company helping entities in the power sector plan, control and operate power systems through REX™ automation, grid analytics and strategic advisory services. Its REX™ platform supports integration with equipment from multiple manufacturers across domestic and international projects. www.acelerex.com

Inquiries
Acelerex, Inc.
+1 650-753-1025
info@acelerex.com

---

This press release can be viewed online at: https://www.einpresswire.com/article/943347714

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.
© 1995-2026 Newsmatics Inc. All Right Reserved.