



# Experienced integration of Battery Energy Storage Systems (BESS)

Deployment, commissioning, and O&M services for large-scale battery energy storage systems can be complex. From selecting the right technology and reliable hardware to meeting site-specific or climate-related requirements and overcoming logistical challenges – every step demands expertise.

SMA Altenso delivers turnkey solutions for both grid-connected and off-grid applications, with a strong focus on grid stabilization. With over 10 years of experience in renewables and a proven track record of 1.5 GW of deployed storage projects worldwide, we are your trusted partner for large-scale battery storage implementation.

[SMA-Altenso.com](https://www.sma-altenso.com)



**ALTENSO**

# Core Features & Technologies

**Modular battery systems** using high-performance lithium-ion cells from top-tier manufacturers

**SMA Power Conversion Units** with grid-forming technology, black-start and inertia capabilities

**SMA Power Plant Manager** for intelligent control, monitoring, and grid stability

**Cybersecurity & ESG compliance** aligned with international standards



## Applications

### Stand alone

grid-forming, grid stabilization (e.g. FCR, inertia, oscillation dumping, arbitrage, capacity market)

### Co-location

systems with PV, wind, or thermal power generation

### Off-grid co-location

grid-independent systems with renewable power plants

### Industry

for peak shaving, energy shifting, with black-start functionality or online uninterruptible power supplies (UPS)

### We're ready to take on your battery project challenge.

Please contact our sales and business development team to further discuss your individual battery project.

**SMA Altenso GmbH**, a wholly owned subsidiary of SMA Solar Technology AG, is committed to fostering the flexible use of renewable energies through innovative system solutions based on SMA products, holistic engineering, and comprehensive services. We have a proven track record in renewable energy, successfully delivering grid-scale and off-grid battery projects – even in challenging environments such as islanded systems, rural mini-grids, and high-latitude locations.

## Follow us



## Contact us

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