STRYTEN ENERGY

E-SERIES

Lead BESS

Stryten Energy's lead BESS is a dynamic solution in the next step of the transition to clean energy capture and usage. Designed with advanced lead technology, it offers a great balance between performance, durability, safety, and cost as a US manufactured product. The system seamlessly integrates renewable sources into your power mix, ensuring stable and dependable backup power. With a focus on sustainability, Stryten Energy's lead BESS also boasts a high recyclability rate, contributing to a more circular economy and reducing environmental impact.



THE ENERGY TO CHALLENGE

E-SERIES | LEAD BESS | MEDIUM DURATION ENERGY STORAGE

FEATURES AND BENEFITS

Grid Resilience: The BESS acts as a crucial grid support tool, providing rapid response capabilities to mitigate fluctuations, stabilize voltage and enhance overall grid resilience.

Renewable Integration: Seamlessly integrate renewable energy sources into your power mix. Our BESS stores excess energy during periods of high renewable generation and releases it when demand peaks, ensuring a balanced and sustainable energy supply.

Demand Management: Optimize energy consumption with intelligent demand management. The BESS enables load shifting, peak shaving and demand response, allowing for cost savings and efficient energy utilization.

Scalability and Flexibility: Designed with scalability in mind, our BESS can be sized for the needs of a wide range of applications – from commercial and industrial to utility scale. In addition, BESS easily supports future expansion to meet evolving power and energy storage requirements.

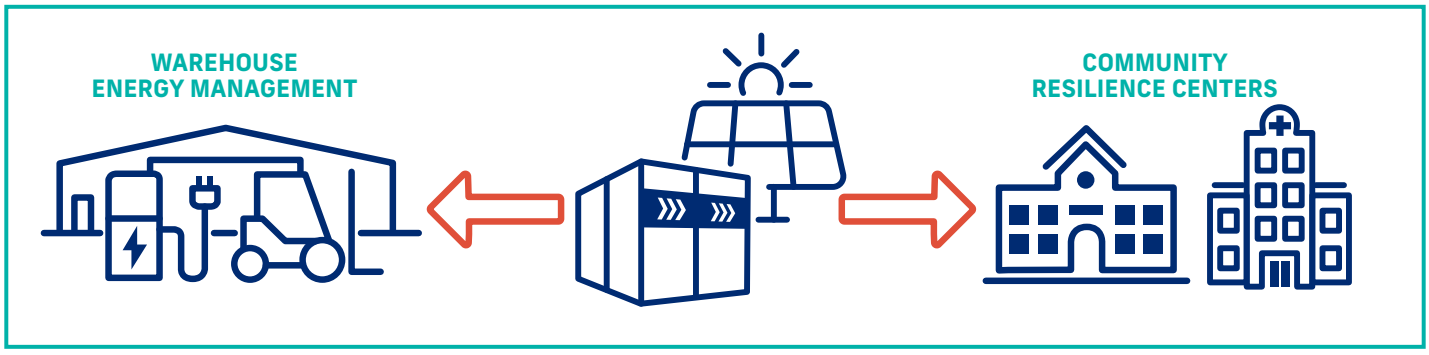
Reliable Backup Power: Safeguard against power outages with the BESS acting as a dependable backup power source. Ensure continuous operation of critical infrastructure and applications when traditional power sources falter.

Smart Monitoring and Control: Benefit from real-time monitoring and control capabilities. Our BESS incorporates intelligent management systems for seamless operation and optimization, putting you in control of your energy ecosystem autonomously, from anywhere in the world with a secure internet connection. The Stryten Energy inCOMMAND™ platform has the flexibility to monitor and manage a single BESS or multiple BESS.

Environmental Impact: Contribute to a more sustainable future. By reducing reliance on non-renewable resources and optimizing energy usage, our BESS aligns with environmental sustainability goals.

SUGGESTED APPLICATIONS

- Back-up systems
- EV charging stations/next gen gas stations
- Microgrids
- Renewables integration
- Utility bill cost control (peak demand reduction, arbitrage, etc.)
- Energy trading markets
- Critical power support/resiliency



The Energy to Challenge

Stryten Energy helps solve the world's most pressing energy challenges with a broad range of energy storage solutions and components across the Essential Power, Motive Power, Transportation, Military and Government sectors. Headquartered in Alpharetta, Georgia, we partner with some of the world's most recognized companies to meet the growing demand for reliable and sustainable energy storage capacity. Stryten powers everything from submarines to subcompacts, microgrids, warehouses, distribution centers, cars, trains and trucks. Our stored energy technologies include advanced lead, lithium and vanadium redox flow batteries, intelligent chargers and energy performance management software that keep people on the move and supply chains running.

Learn more at ***www.stryten.com***

©2024 Stryten Energy Alpharetta, GA 30005 SE2022 07/24