STRYTEN ENERGY

E-SERIES

BESS200



Stryten Energy's Battery Energy Storage System (BESS) offers a robust and reliable energy solution for your building, office or factory.

- This system can help reduce utility costs by enabling peak shaving, integrating all energy sources for a local microgrid and providing dependable backup power.
- Utilizing lithium iron phosphate (LFP) chemistry, it delivers enhanced energy density and performance.
- Offered in cabinet and container options, the E-Series BESS200 provides the versatility for all applications.

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LATEST LITHIUM TECHNOLOGY

U.S.-BASED CUSTOMER SUPPORT

TRUSTED ENERGY STORAGE SUPPLIER

RELIABLE POWER • RESILIENT BUSINESSES

FEATURES AND BENEFITS

Cycling for Utility Bill Cost Savings

Time-of-Use Tariffs & Load Shifting: Use battery storage to discharge power during peak periods, lowering peak demand charges. Charge the battery during low-cost off-peak hours and discharge during expensive peak hours to decrease electricity costs.

Providing Energy Resilience

- **Reliable Backup Power:** Safeguard against power outages with the BESS200 acting as a dependable backup power source. Ensure continuous operation of critical infrastructure.
- **Renewable Firming:** BESS200 ensures consistent output, which can smooth output from renewable sources like solar and wind.
- **Grid Resilience:** The BESS200 acts as a crucial grid support tool, providing rapid response capabilities to mitigate fluctuations, stabilize voltage and enhance overall grid resilience.
- **Microgrids:** Combine with solar, wind, and generators for reliable 24/7 power.

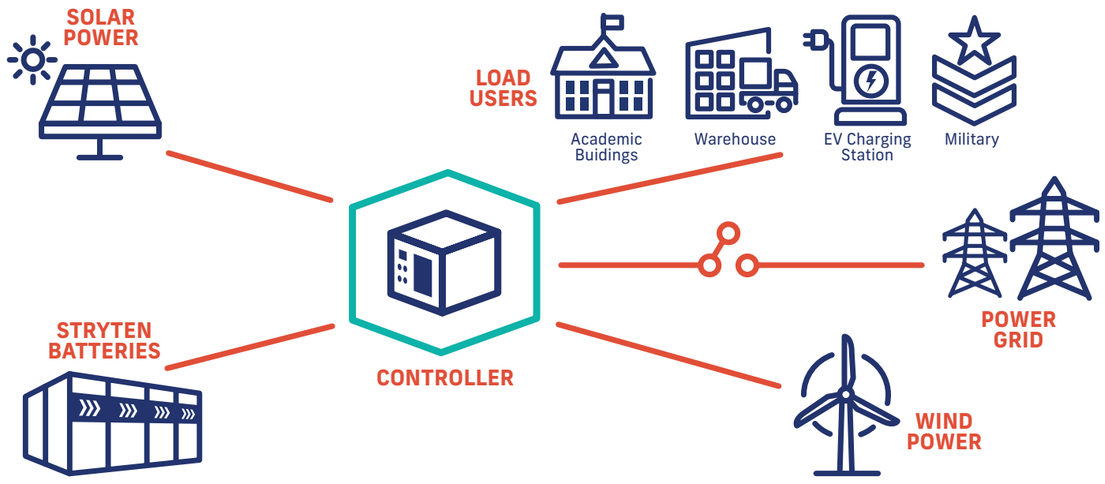
Stryten Advantage

- **Smart Monitoring and Control:** Monitor battery health and performance from anywhere in the world to manage system.
- **Stryten Brand:** Trusted North American energy supplier with energy storage expertise.
- **U.S.-based Customer Support:** Get help when you need it.

SUGGESTED APPLICATIONS

- Fast Back-up Power
- Commercial & Industrial (C&I)
- Offices, Warehouse & Factories
- Meet ESG Goals
- Community Centers
- EV Charging Stations
- Microgrids
- Renewable integration

ENERGY ECOSYSTEM



PRODUCT OFFERINGS

Advanced E-Series BESS200 is a turnkey solution designed to be modular and scalable to meet a wide variety of applications.

Small / Medium Systems
In Cabinets (shown)

MODEL	POWER kW	ENERGY kWh	DURATION HOURS
BESS200-1S	60	60	1
BESS200-2S	60	120	2
BESS200-3S	120	120	1
BESS200-4S	120	240	2
BESS200-5S	240	240	1
BESS200-6S	240	480	2
BESS200-7S	480	480	1
BESS200-8S	480	960	2

Medium / Large Systems
In Containers (20 ft)

MODEL	POWER kW	ENERGY kWh	DURATION HOURS
BESS200-1L	1000	4000	4
BESS200-2L	2000	4000	2
BESS200-3L	2000	8000	4
BESS200-4L	4000	8000	2
BESS200-5L	3000	12000	4
BESS200-6L	6000	12000	2
BESS200-7L	4000	16000	4
BESS200-8L	8000	16000	2



BESS200 Cabinet

BESS SPECIFICATIONS

Comprehensive system featuring inverter, battery modules, cooling, and safety elements.

- Battery Management System for monitoring voltage, temperature, and impedance.
- Outputs 480V AC, 3 Phase & optional 208V AC.
- Expected lifespan of 10 years.
- Outdoor-rated enclosure with NEMA3R Certification for various conditions.
- Safety features include thermal management.
- Modules comply with UL standards.

E-SERIES | BESS200 | BATTERY ENERGY STORAGE SYSTEM

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***

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