



PRODUCT CATALOG

ENGINE STARTING | CRITICAL DC POWER | BATTERY MONITORING

Protecting critical infrastructure

Stored Energy Systems (SENS) provides integrated power systems, battery chargers and battery monitoring solutions. We've incorporated the latest advancements in technology to minimize risk of critical system downtime.

Reliability

Our robust design and quality control delivers charger reliability as close to "bulletproof" as is technically possible. Our lean production system delivers a combination of high quality, fast delivery and competitive pricing that is unique to SENS.

Our products support **many industries:**

- Data centers
- Utilities
- Oil & Gas
- Cable / Telecom / Wireless
- Hospitals
- Plant Manufacturing
- Marine

Innovation

As a leading designer and manufacturer of engine starting, critical DC power, and battery monitoring solutions, we continue to deliver product innovations that provide the lowest total cost solution. Our experts are committed to driving innovative solutions through the latest technology and ground breaking insights.



High Reliability Chargers

Engine Starting & Industrial Chargers



EnerGenius IQ2

12-240VDC, 6-150A, 1PH, SCR

- Industry standard SCR technology
- Powers DC loads
- Reliable, high-performance battery charging



EnerGenius DC

120-240VDC, 6-800A, 3PH, switchmode

- Ruggedized and engineered for the harshest applications
- 480 VAC 3-phase input; transient & surge protected
- Hot-swap modular rectifiers
- Delivers ripple-free output even without battery
- Optional Modbus, DNP3, high current alarm relays
- C-UL listed, CE marked, IBC seismic certified

Meet the MicroGenius Family

Engine Start and Industrial Applications

Patented Dynamic Boost™ & HELIX™ technologies charge faster & more safely

- Rugged, small, light with optional drip shield.

- Universal AC input, field selectable 12/24 volt output, 6 to 60 amps up to 120VDC
- Standard Modbus and J1939 networking
- C-UL, CE, IBC Seismic, ABS, CA efficiency certified



LE

Engine Start

12/24VDC, 5-10A, switchmode



MG2

Engine Start

12/24VDC, 6-25A, switchmode

Industrial

24-120VDC, 6-25A, 1PH, switchmode



S2

Engine Start

12/24VDC, 20-50A, switchmode

Industrial

24-120VDC, 6-50A, 1PH, switchmode



S4

Engine Start

12/24VDC, 25-100A, switchmode

Industrial

24-120VDC, 12-100A, 1PH, switchmode

Integrated Power Systems

Engine Starting & Industrial Systems



SuperTorque 8Z

Genset Starting System

- High performance NiZn battery + integrated charger, 75% smaller than lead acid including charger
- Lowest total cost of ownership - >50% lower cost over ten years than lead-acid
- 10 year warranty

8Z Rack

Integrated Engine starting system with rack/8Z/BBS/BCS/Disconnects

- A complete system that makes specification and installation of the entire engine DC system so much simpler
- Pre-assembled, tested, and configured to cut installation time by 6 hours

Integrated DC Power Systems

Complete customizable DC systems that incorporate rectifiers, batteries, DC panels in a tested and fully assembled enclosure. It offers reliable and uninterrupted DC power with optional built-in redundancy and monitoring capabilities.



PowerCab

Industrial

24/48/120VDC,
SCR



MicroCab

Industrial

12/24/48VDC,
switchmode



PowerCab2

24-300VDC, switchmode

Designed for mission critical applications including switchgear, utility and oil and gas, the Powercab2 utilizes the most innovative technology available in the market and reduces complexity, installation time while saving money and improving reliability.



SC4
Large Applications

- NERC PRC-005-6 compliant with reporting capabilities
- Extensive, user-definable set-up capabilities such as labels and alarm thresholds
- 6 physical string inputs with a maximum of 40 battery sensors in any input (240 battery sensors per controller)


SC Mini-XC
Small Applications

- Lowest cost, highest capability solution for cabinet and small systems power monitoring
- Equipped with 2 battery sensors for total monitoring capacity of 60 batteries (30 per input)
- Built in web-server for convenient monitoring
- No software licenses required

Battery Monitoring Accessories




Battery Sensor
1/2/6/12/16V
Ohmic measurements



Float Current Sensor
Float charge current and AC ripple current



RIM / ROM
Enhanced monitoring capabilities



Electrolyte Level Sensor
Auto leveling optical sensor

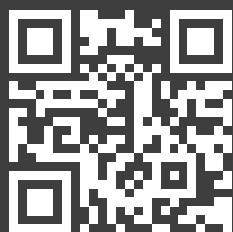
Redundancy

BBS
Engine Start
Best Battery Selectors / Battery Couplers



BCS-120
Engine Start
Battery Control System / Control & Alternator Coupler





Contact
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