

SENS manufactures DC power systems & battery chargers that minimize risk of critical system downtime at the lowest total cost.

SENS DC power systems integrate charger, battery and DC distribution into small modular packages that minimize costs of floor space, labor and risk.

SENS microprocessor controlled battery chargers employ patented charging technology that safely charge batteries faster. SENS chargers also automate crucial tasks, such as early detection of battery malfunction and logging of relevant site data. Automation minimizes costs of labor and unplanned downtime.



Rock-solid dependability

SENS offers the industry's highest reliability chargers, with observed MTBF exceeding 1 million hours. SENS is thorough in engineering, rigorous in product qualification and systematic in manufacturing quality certified to the ISO 9001 standard.



Award-winning technologies

- Consulting Specifying Engineer Product of the Year
- Innova Award: for "the technology that has the most promise of impacting/improving the power industry"

SENS won these awards by providing new charger-based technologies that deliver users the best available cost/benefit ratio and by being first in the industry to meet critical new safety and performance standards.



Innovative designs

SENS DC power systems consume less than half the floor space of conventional standby battery systems. Only PowerCab, PowerRack and MicroCab safely ship from the factory complete with charger, batteries and distribution panel. On site, SENS' DC systems are easier to install and maintain than competing solutions. The result: large cost savings due to on-schedule installation that works first time.



Consistently outstanding quality and service

SENS offers consistently outstanding quality and service thanks to an efficient Lean Manufacturing system. Lean operations mean more efficient operations in our US factory. More in-process inspections deliver exceptional quality. State-of-the-art materials and capacity planning systems consistently deliver the industry's fastest shipments.



Industry's best certifications

SENS chargers are either UL or C-UL (CSA and UL standards) listed. 50Hz models carry the CE mark. Most chargers are certified to meet the most stringent IBC seismic certification levels required in the US. SENS also offers optional OSHPD and ABS pre-approval marks. SENS newest products are certified to meet California Energy Commission energy efficiency standards.





Complete DC power systems for industry & utilities

DC PowerCab – factory packaged non-stop power

- Charger, battery & DC distribution in a single cabinet
- Integrated package saves valuable floor space
- Factory assembled - including battery
- 24, 48, 120 and 240 VDC
- UL Listed

MicroCab – outdoor DC power system

- Charger, battery, DC distribution – 12 or 24 VDC
- Scalable power with optional N+1 redundancy
- Modular, weatherproof cabinet (up to 300AH @ 24V)
- UL Listed, IBC seismic certified

DC PowerRack – flexible relay rack systems

- Charger, batteries, DC distribution
- Optional inverter, battery string breakers
- Configured to customer requirements



High reliability stationary filtered chargers for industry and utilities



EnerGenius IQ – easy to use microprocessor charger

- Filtered, temperature compensated output
- Awards winner, CSE Product of the Year; Innova Best Technology
- On-board alarms, battery check system & data logger
- Reliable dual microprocessor design
- C-UL listed, CE marked (50 Hz models), IBC seismic certified
- ABS / USCG and OSHPD approvals available

High reliability engine starting products



MicroGenius 2 – world's most advanced genset and marine charger

- Patented Dynamic Boost™ & HELIX™ technologies charge faster & more safely
- Rugged, small, light & weatherproof
- Universal AC input, field selectable 12/24 volt output
- Standard Modbus and J1939 networking
- C-UL, CE, IBC Seismic, ABS, CA efficiency certified

NRG – highest reliability, field-proven genset charger

- Unmatched reliability: > 1 million hours observed MTBF
- Award winner, CSE Product of the Year
- Adapts to 12 or 24-volt systems, any battery type
- High accuracy automatic 4-rate charging
- NFPA 110 alarms plus industry-first battery fault alarm
- C-UL listed, CE marked, IBC seismic certified. Optional OSHPD pre-approval



LC – high performance, low cost genset charger

- Classic high performance, reliable genset chargers
- Temperature compensated, 2-rate automatic charging
- C-UL listed, and IBC seismic certified



BBS – high current best battery selector

- Electrically combines two batteries to a common output
- Enables use of redundant engine start batteries
- Two sizes: 1,600 or 4,800 amps
- IBC seismically certified, optional OSHPD pre-approval

Additional Information

Contact SENS or your local sales representative for additional specification, engineering and installation information. Check the SENS website for latest available data. Specification is subject to change without notice.

Contact Information

For information and service on any SENS product, please contact us at:
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 Powering Critical Infrastructure