

# 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 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

- 2009 Consulting – Specifying Engineer Product of the Year
- 2007 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 PowerCab DC power system consumes less than half the floor space of conventional standby battery systems. Only PowerCab safely ships from the factory with charger, batteries and distribution panel installed. On site, PowerCab is 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 listed. Some carry the CE mark. And SENS offers the only chargers with IBC seismic certification – required in critical applications in the US after January 2008.



STORED ENERGY SYSTEMS





## Complete DC power systems for industry & utilities

### DC PowerCab 120 – 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

### BPS 63 – outdoor DC power system

- Charger & battery in unique weatherproof housing
- Filtered, temperature compensated charger
- 12, 24 & 48 VDC

### Custom DC systems – one stop shopping

- Individual components: Charger, battery, rack and more
- Optional components such as distribution panels, inverters, battery disconnects, etc.
- Assemble on site



## 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 and IBC seismic certified

### ECU – Conventional analog control with digital display

- High accuracy performance in a rugged package
- Nearly 2 million hours observed MTBF
- Complete charging features & alarms
- C-UL listed and CE marked



## High reliability engine starting products



### NRG – highest reliability, feature-rich genset charger

- Unmatched reliability: > 1 million hours observed MTBF
- Award winner, 2009 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 and IBC seismic certified



### FC & LC – the original high performance genset chargers

- Classic high performance, reliable genset chargers
- Temperature compensated, 2-rate automatic charging
- Deliver maximum battery performance and life
- C-UL (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



### Additional Information

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

### Contact Information

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