The PowerSafe® SBS battery range utilizes unique and proven technology to provide a superior range of valve regulated batteries with an extended service life in compact and energy dense configurations. PowerSafe® SBS batteries are manufactured to the highest international standards and are ideal for reliable use in all wireless and fixed-line communication applications. PowerSafe® SBS batteries are also widely used in cable TV Head-Ends, hybrid systems, power generation, offshore applications, and various oil rig applications.

PowerSafe® SBS top terminal batteries are available in capacities of 7Ah to 361Ah and in 2V, 6V and 12V blocs. PowerSafe® SBS batteries are suitable for a wide range of telecom and reserve power applications especially where space is limited.

PowerSafe® SBS batteries are designed to cope with elevated temperatures and harsh environments. The advanced Thin Plate Pure Lead (TPPL) technology and unique manufacturing methods, used by EnerSys®, make PowerSafe® SBS batteries the choice for long and trouble-free service.

PowerSafe® SBS batteries have been developed to provide not only long float service life but also designed to provide controlled high cycling and fast recharge performance in unreliable grid applications.

Battery Range Summary

Features and Benefits
- Capacity range: 7Ah - 361Ah
- 2V, 6V, and 12V configurations
- Multiple string configurations available
- Two year shelf life
- SR-4228 compliant
- Proven long service life
- High energy density and cycling capability
- Very low ventilation requirement
- Wide operating temperature range: -40°F (-40°C) to 122°F (50°C)
- The maximum operating temperature of the PowerSafe® SBS J series battery can be extended to 176°F (80°C) via an optional metal jacket

Visit us at www.enersys.com
# General Specifications

- **Self-regulating one-way pressure relief valves prevent ingress of atmospheric oxygen**
- **Recommended operating temperature:**
  - 68°F (20°C) to 86°F (30°C)
- **Operating temperature:**
  - 68°F (20°C) to 86°F (30°C) (except J series metal jacket)
- **Greater than 10 year life expectancy in float service at 77°F (25°C)**
- **Space efficient footprint**
- **Complies with Telcordia® SR-4228, Network Equipment Building System (NEBS™) Criteria Levels**
- **Approved as non-hazardous cargo for ground, sea, and air transportation in accordance with US DOT Regulation 49 and ICAO & IATA Packing Instruction 806. Please see our SDS for complete details at www.enersys.com**
- **Recommended operating temperature:**
  - 40°F (-40°C) to 122°F (50°C)
- **Terminal resistance:**
  - Less than 8.0 mΩ in series (except J series metal jacket)
- **Electrode materials:**
  - Pure lead (ASTM B123) and high purity lead using a TPPL technology
- **Separators:**
  - AGM made from high purity, superior quality fibers
- **Electrolyte:**
  - Produced from extremely high purity acid to reduce self-discharge rates and float currents
- **Battery terminals:**
  - Use tin-plated copper insert
- **Container and cover made from flame retardant UL94-V0 material, highly resistant to shock and vibration**
- **Subject to revisions without prior notice. E.&O.E.**

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## Typical Outline Drawings

- **SBS 8 to 60 types**
- **SBS J types**
- **SBS B8, B10, C11 & 145 types**
- **SBS B8 & B10 types**

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