Power Solutions™ from the experts you depend on.
Since 1915

Motive Power Product Line
AGM & Gel Tubular Sealed Lead Acid Batteries
• Batteries are sealed using special pressure valves making each battery completely maintenance-free with no watering required
• No hydrogen gas generation under normal use due to its internal gas recombination design
• Ideal for food, healthcare, and pharmaceutical applications

DIN & BS Standard Tubular Plate
• High capacity tubular design for high cycle applications and maximum run time performance
• Fully insulated bolt-on connectors provide superior resistance to voltage leakage damage
• Increased serviceability in the field
• Reduced watering frequency

AGV Batteries
• For AGV applications ranging from 12 to 360 Volts and from 10 to 1300 ampere hours
• Flooded lead-acid, Ni-Cad fibre plate, Ni-Cad sintered, Ni MH and Lithium battery chemistries

Lithium Batteries
• Custom designed for Forklift, Pallet Jack and Automated Guided Vehicles
• Ideal for opportunity/rapid charge applications
• Equipped with high performance battery management technology (BMS controllers) to optimize runtime and performance

Battery Pack with Built in Charger
• Available in Flooded, AGM and Gel technology
• Convenient 110 Volt plug-in charger
• Low maintenance and maintenance-free options
• Constructed of epoxy-coated steel, Plastisol-coated steel or heavy duty plastic

Flat Plate Batteries – F & FR Series
• Designed for the rigors of heavy day-in and day-out operation as well as opportunity and rapid charge applications
• Heavy duty positive plate design provides longer life and added resistance to corrosion
• Five-fold plate insulation holds active material in place for longer battery life (F Series)
• The FR Series provides all the benefits of the F Series but utilizes a four-wrap plate system

Standard & High Capacity Tubular Batteries
• Higher energy density than flat plate positive plate constructed batteries means better performance and maximum run time
• Unique design features allow for higher capacity without sacrificing service life or increasing watering frequency
• Greater surface area optimizes active material utilization which allows for higher voltages under load, resulting in superior performance in high rate and cold storage applications

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Every SBS Battery is handcrafted from start to finish by a team of highly skilled craftsmen with an average tenure of over 12 years.

**User-Replaceable Bolt-On Cable Connections**
- Easy on/off cone and thimble bolt-on cable design
- Eliminates need for a skilled battery service technician to replace, saving time and money
- Allows facility personnel to make immediate repairs to cut or torn cables 24/7, eliminating downtime
- Increased safety, since connectors and contacts can be replaced while the cables are not connected to a live battery

**Battery Trays**
- Heavy steel construction with reinforced lifting ears
- Standard: acid-resistant epoxy powder coating on all inner and outer surfaces
- Optional: heavy Plastisol plastic spray coating for maximum corrosion resistance
- Optional: all-plastic, corrosion-resistant battery boxes for select sizes

**Pull-Resistant Cables**
- Eliminate costly cable damage caused from insulation pulling away from the DC contacts on each cable
- Improves safety by preventing potentially explosive accidental short circuits

**Flip Top Vent Caps**
- No charge option
- Faster filling of the battery
- Cleaner and drier battery cell covers
- Fewer lost or missing caps which allow leakage and eventual corrosion

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**Data Loggers/Remote Monitoring**

**Charger Control Interface**
- BID/BMU

**Data Loggers**
- Mounted Data Logger
- Portable Data Logger Kits

**Remote Monitoring**
- Equipment Management Transponders & Software
Battery Options

Sealed Tray – If the occasional dripping fluid which arises from over watering or washing poses a contamination or housekeeping issue, or if electrical equipment is located directly under the battery compartment, SBS can provide a sealed tray option.

Single Point Filling Systems – These systems can fill batteries in as little as 15-30 seconds, which typically result in system paybacks of 12 months or less.

Electrolyte Level Indicator – Ultra-reliable, blinking green LED light indicates electrolyte level is good, and a red blinking LED indicates battery needs water.

Air Mix System – This system works by circulating air from a pump into the bottom of each cell via a tube to mix electrolyte while on charge, preventing stratification and leading to faster recharging times.

Battery Handling
- Portable battery changing equipment
- Battery stands
- Battery changing systems and cranes
- Battery washing equipment

Battery Chargers
SBS will recommend the best charger to meet your requirements:
- Conventional chargers
- Ferroresonant chargers
- Controlled ferroresonant chargers
- SCR chargers
- Opportunity, rapid, high frequency chargers
- Switch mode high frequency chargers

Battery Options, Accessories & Services

Purchase and Lease
- Rent-to-own
- Guaranteed buy back for leases
- Lease packages tailored to your needs

Maintenance
- Full maintenance and watering programs
- Preventative maintenance
- On-site training
- Battery inspections
- Condition reports

Environmental
- Assistance with yearly chemical reporting
- Disposal of spent batteries per state and EPA requirements