



Flat Plate Motive Power Batteries



Design Features and Benefits

- Designed to deliver reliable, consistent power on demand
- Unique positive grid design for better electron flow
- Designed for rigorous and heavy day-in and day-out operations
- Five-fold plate insulation holds active material in place for longer battery life
- Heavy duty design for opportunity and fast charge applications
- Improved separator design that helps reduce massing and minimizes plate exposure

Applications

- Forklifts and Material Handling
- Pallet Jacks
- Automated Guided Vehicles

Bolt-On Cable Connections

- Cone & thimble bolt easy on/off design



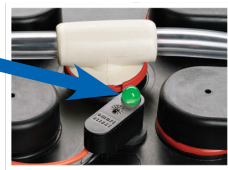
Acid-Resistant Powder-Coated Epoxy Steel Battery Trays

- Resists corrosive effects from acid
- Provides protection from voltage leakage to the truck
- Coated on all inner and outer surfaces for complete protection



Optional Electrolyte Indicator

Reliable electrolyte-level Indicators let you know when electrolyte levels are low



Optional Flip-Top Vent Caps

- Fast, easy filling, low spill and fewer missing caps which can allow leakage and corrosion
- Compatible with all water level indicators



Optional Single-Point Watering System



The Difference is in the Cell



Positive Grid

Thirteen vertical wires are cast from premium antimonial alloy and designed to withstand the rigors of deep cycling and maximum material retention.

Active Material

Manufactured with premium lead oxide to exact specifications using the latest state-of-the-art equipment, applied uniformly and cured under atmospherically computer controlled conditions to assure optimum chemical conversion.

Vertical Slyver-Clat Mat

Wrapped vertically around the positive plate, the fiberglass strands become embedded into the plate surface for active material retention, reducing shedding and prolonging service life.

Koroseal Retainer Mat

Perforated wrap tightly bonds the two glass mat wraps to the plate while providing a third layer of insulation against mousing and short circuits.

Negative Edge Protection

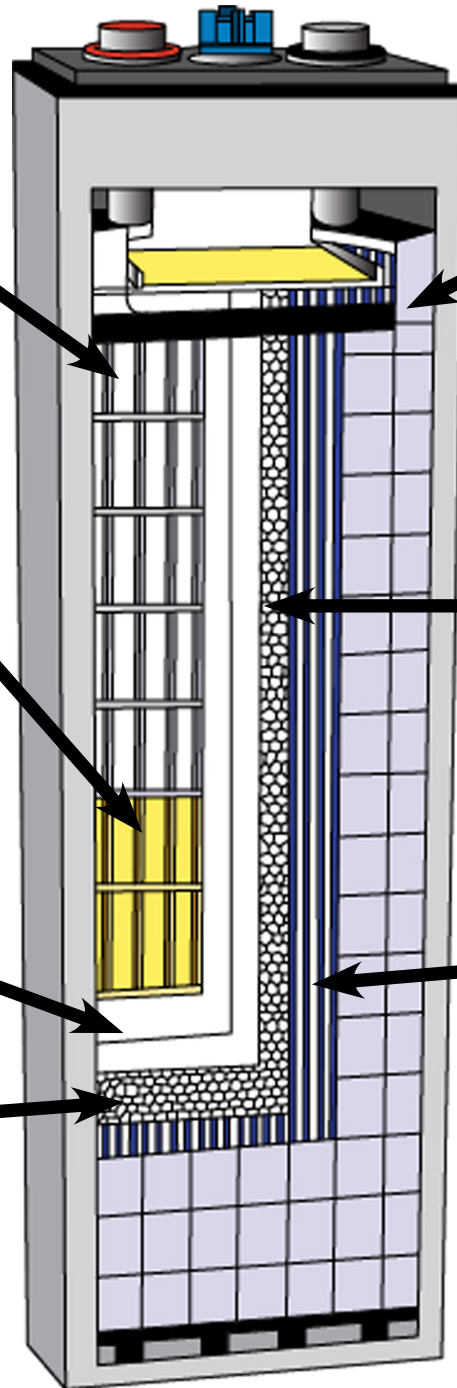
Used to ensure against shorts from the negative plate to the positive cell strap. (Used on 85 AH and 125 AH models.)

Horizontal Glass Mat

Wrapped horizontally across the positive plate side to side, it supplies a secondary layer of active material retention.

Sleeve Separator

A high porosity sleeved separator insulates the plates from one another and eliminates missing or misaligned separators. This greatly reduces shorts caused by mousing. Acid circulation is also improved.



9002, UL 583 E, EOE, EE approvals