

ABSOLYTE[®] GX



Industrial Batteries

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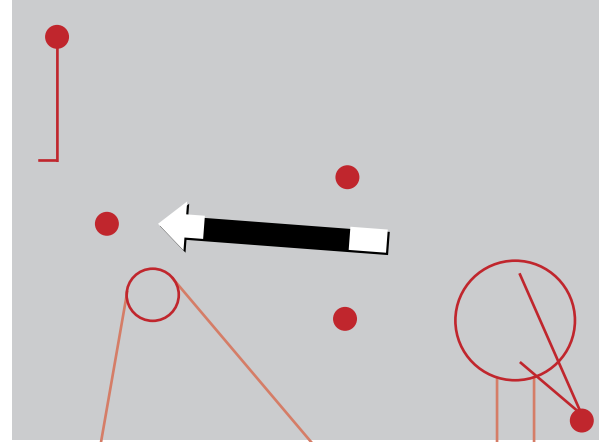
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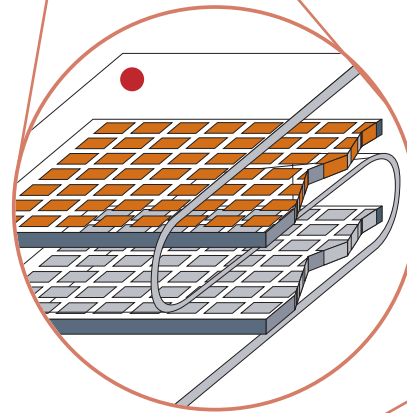
7&7* 3+ 7-* 57 *6.,2

As an industrial battery ages, chemical corrosion causes the positive plates to expand, placing pressure on the posts, the cover and the seals. Excessive plate growth, which can be caused by high temperature environments, may cause the positive plate to damage the cover and seals, thus shortening the life of the battery. The GX design helps to reduce this failure mode by removing stresses placed on the seals and cover by forcing the growth away from the seals.

- The steel face plate reduces stress on the cover, and improves heat dissipation through the cover.
- The post restraint spacer reduces stress on the post using the face plate for support.
- Plate growth is forced away from the posts and the cover seals.
- Additional space is designed into the battery to accommodate the positive plate growth.

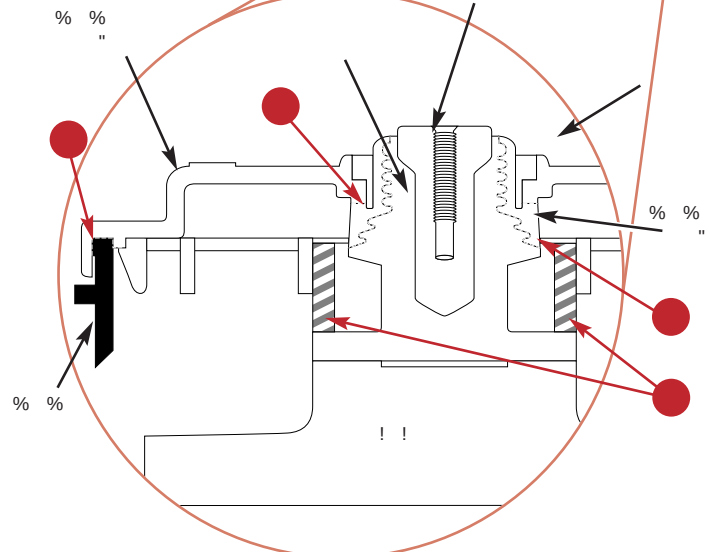


- Horizontal plate stacking improves heat dissipation through the tray.
- High separator compression within the cell maintains plate to separator contact, helping to reduce the possibility of capacity loss.
- Unique "S" wrap absorbed glass mat separator design helps prevent positive (orange) plate to negative (gray) plate shorting.



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&5 73 39*5 *&0 *6.,2

- The GX post seal design eliminates the lead to lead bond with a completely non-corrosive polypropylene to polypropylene bond – formed by a fusion process that creates a bond as strong as the original material.
- The interface between the lead post and the plastic sleeve is coated with a viscous bonding agent that helps guarantee a virtually leak free bond.
- The proven tongue and groove seal technology, used on the jar to cover seal, improves seal strength and durability.



2 0&27 *0.81 *&/ *67.2,

Leaks 1000 times smaller than the eye can see are discovered by a super-sensitive leak detection system, helping to guarantee the quality of the seals.

 **MARATHI N**

