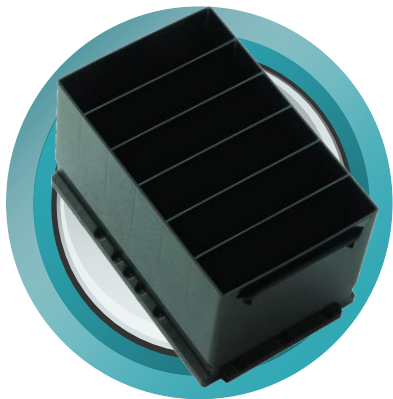
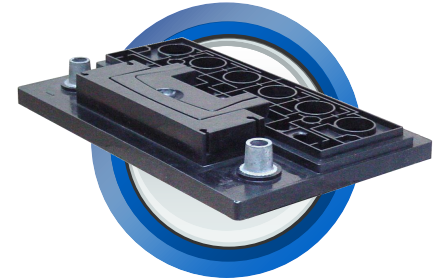
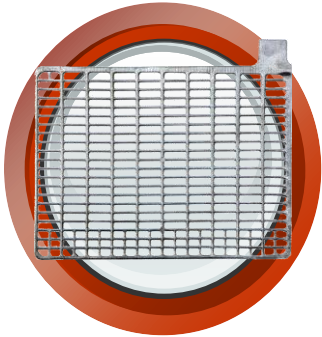




The Technical Highlights of Boliden SMF





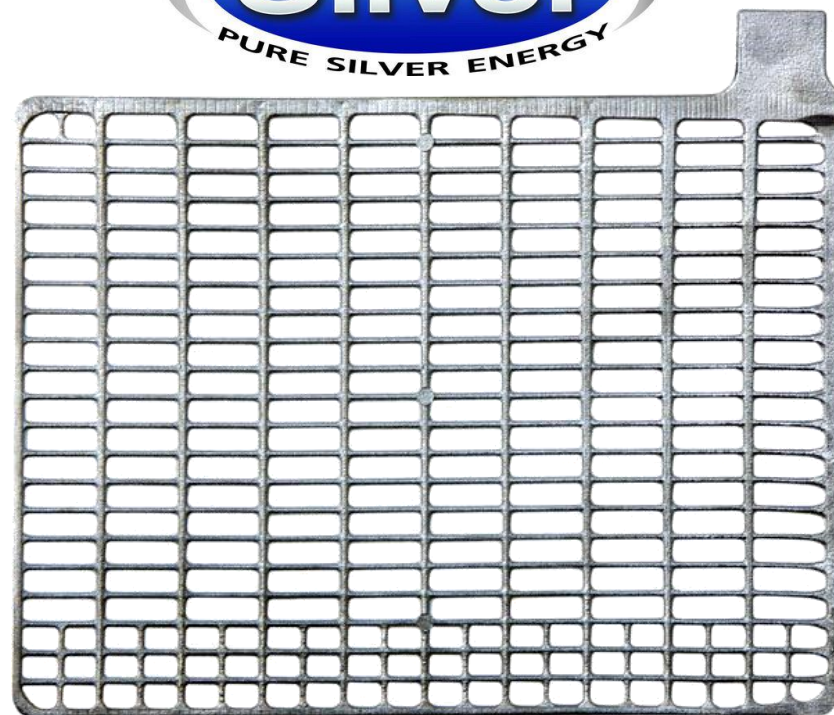
GRID

**Lead-Silver-Calcium-
high tin alloy technology** →

More corrosion resistant,
especially in high under-bonnet
temperatures; better bonding
between grid and active material;
better cycling; higher RC and CCA

**Full-framed, wider and taller
grids, more robust and
purpose-designed wires** →

Better current flows; stronger and
more corrosion resistant





Positive and Negative Plates



Use only the highest purity soft lead 99.99% minimum to make the active materials → Virtually no or very little self-discharge

The special silver-calcium and high tin alloy coupled with the most modern curing operations → increase bonding between grid and active material; improve battery charge acceptance, especially when being deeply discharged; improve cycling ability.



The Technical Highlights of Boliden SMF



High Impact, UV Resistant 100% Virgin PP Copolymer Container

World class technology.

No recycled materials.

Robust and durable against Ultraviolet rays.

Highest safety.

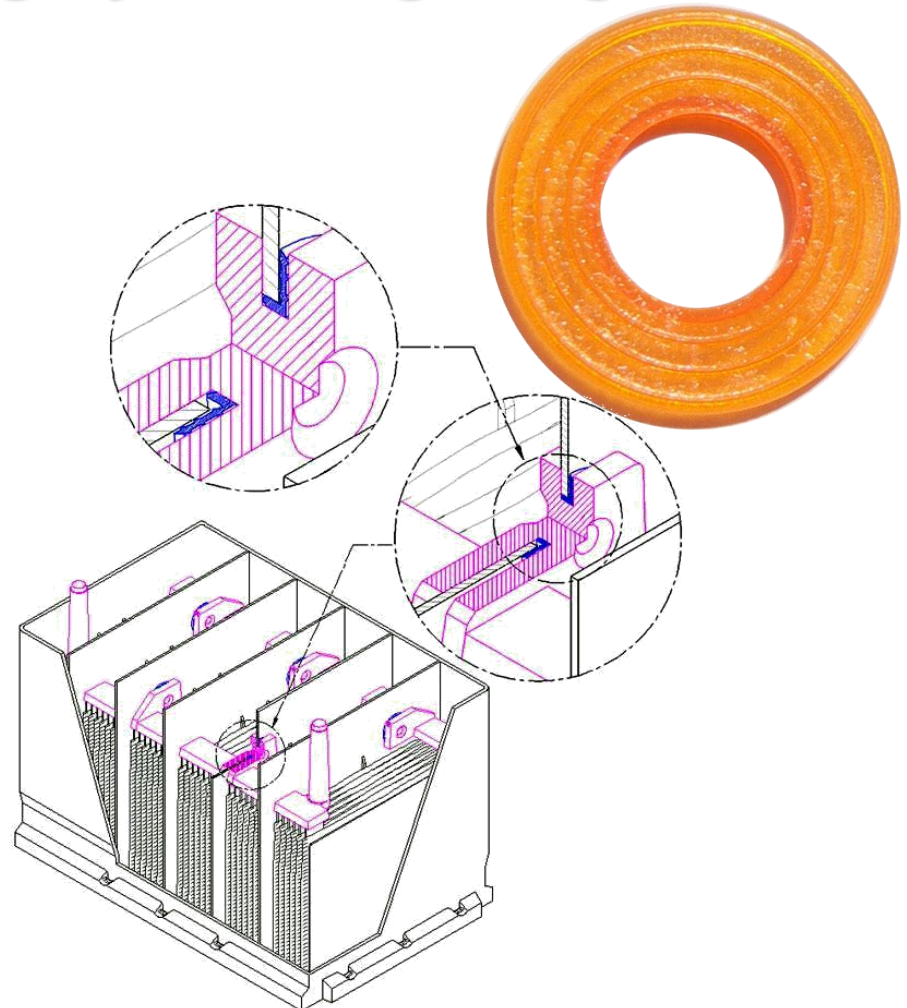




Inter Cell Welding by Sealing Ring

Makes better and cleaner welding between cells; eliminates lead-connector corruptions → thus allows maximum current flows, higher electrical outputs and longer service life.

Eliminates micro leakage between cells → virtually no or very low self-discharge.





Labyrinth-designed Lid



Specially designed to prevent acid spillage.

Prevents water loss by condensation of acid mist.

Returns the condensed liquid back to the cell reservoir.



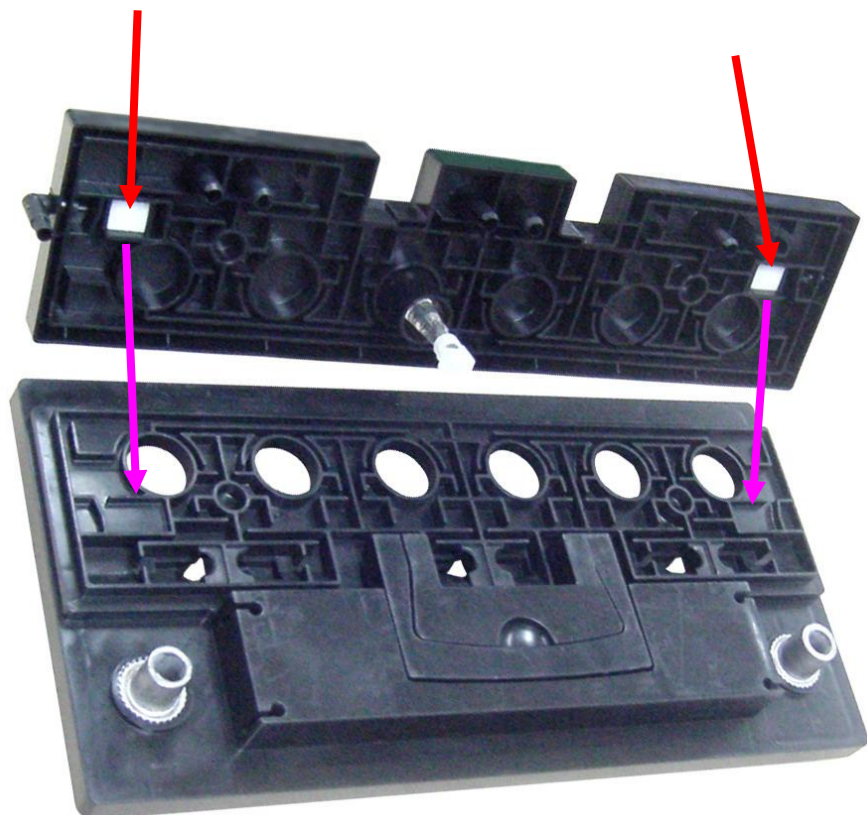
Sealed Maintenance Free Lid



Completely seals the lid to prevent any unauthorized interference in the battery →
The original factory expertise is thus guaranteed.



FLASH ARRESTOR



Protects against explosions caused by external flame or sparks → enhances the safety feature of the battery





Gas Emission Management



Battery L-shape outlet delivers the gas and fume to the target safety area by connecting to a tube → enhances the safety feature of the battery.



Big Size Indicator (Power-Eye)

Provided for quick inspection of the battery state of charge (SOC)



Battery OK



Recharge Battery



Check Battery





HANDLE



**Ergonomic, user-friendly
and strong**

**Can be neatly pushed
back into the lid.**



The Technical Highlights of Boliden SMF



Shelf Life Report

