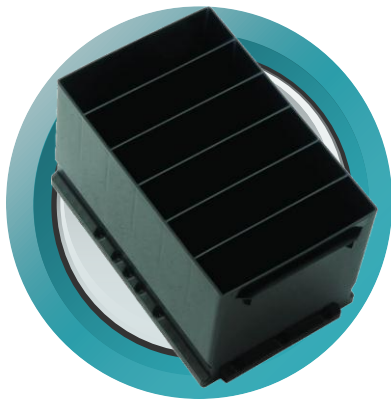
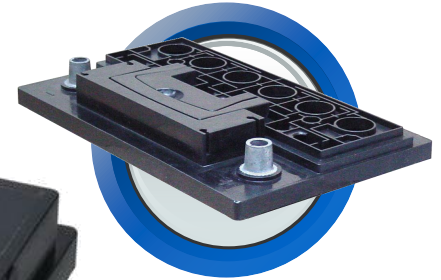
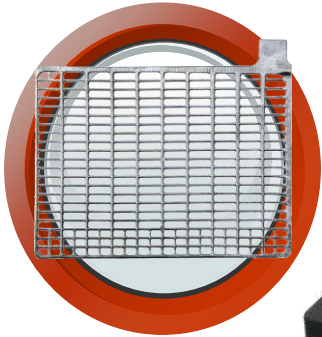




The Technical Highlights of Trane SMF





The Technical Highlights of Trane SMF



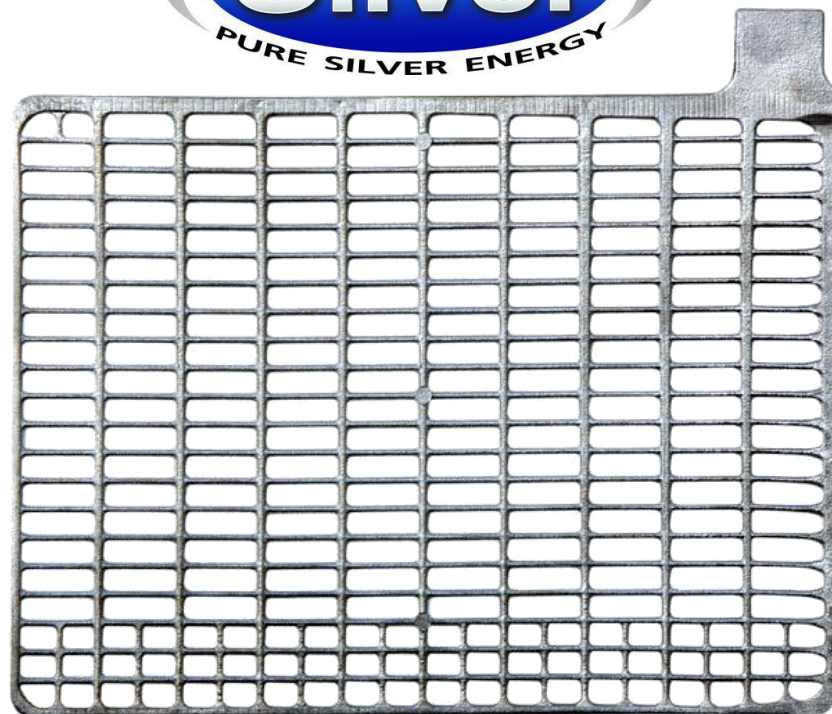
GRID

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





The Technical Highlights of Trane SMF



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 Trane SMF



High Impact, UV Resistant 100% Virgin PP Copolymer Container

World class technology.

No recycled materials.

Robust and durable against Ultraviolet rays.

Highest safety.





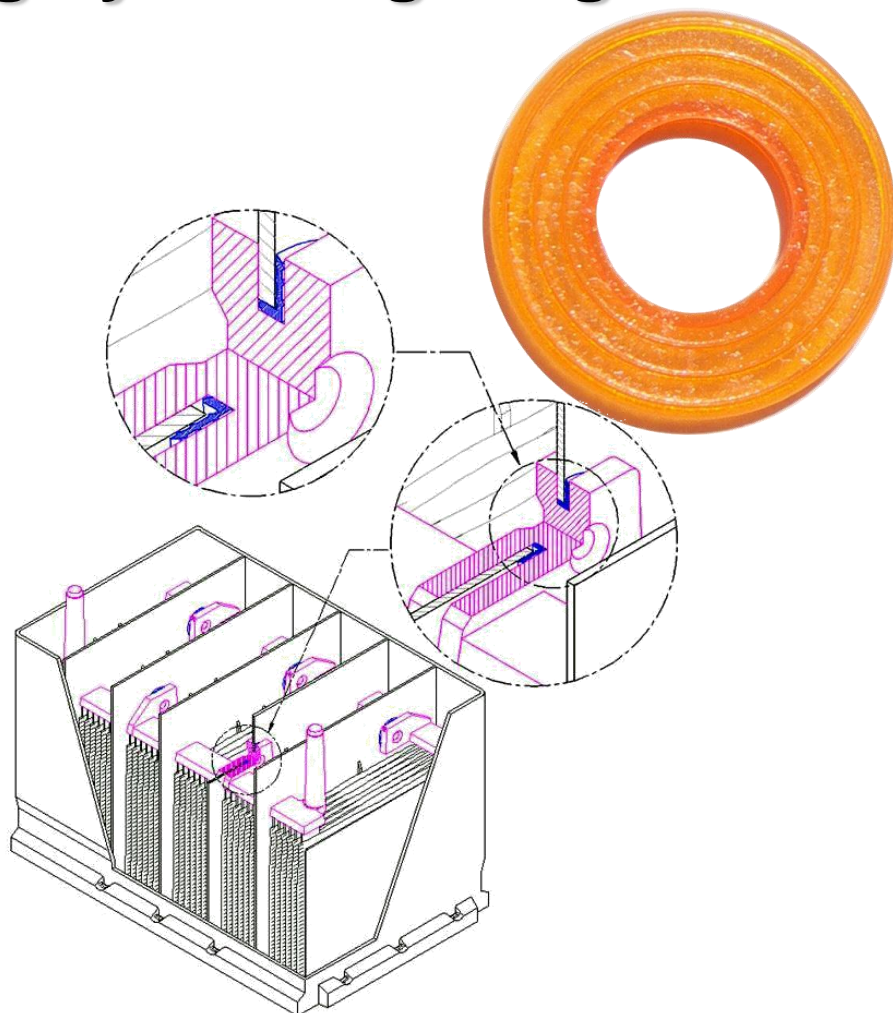
The Technical Highlights of Trane SMF



Inter Cell Welding by Sealing Ring

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

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





The Technical Highlights of Trane SMF



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.



The Technical Highlights of Trane SMF



Sealed Maintenance Free Lid



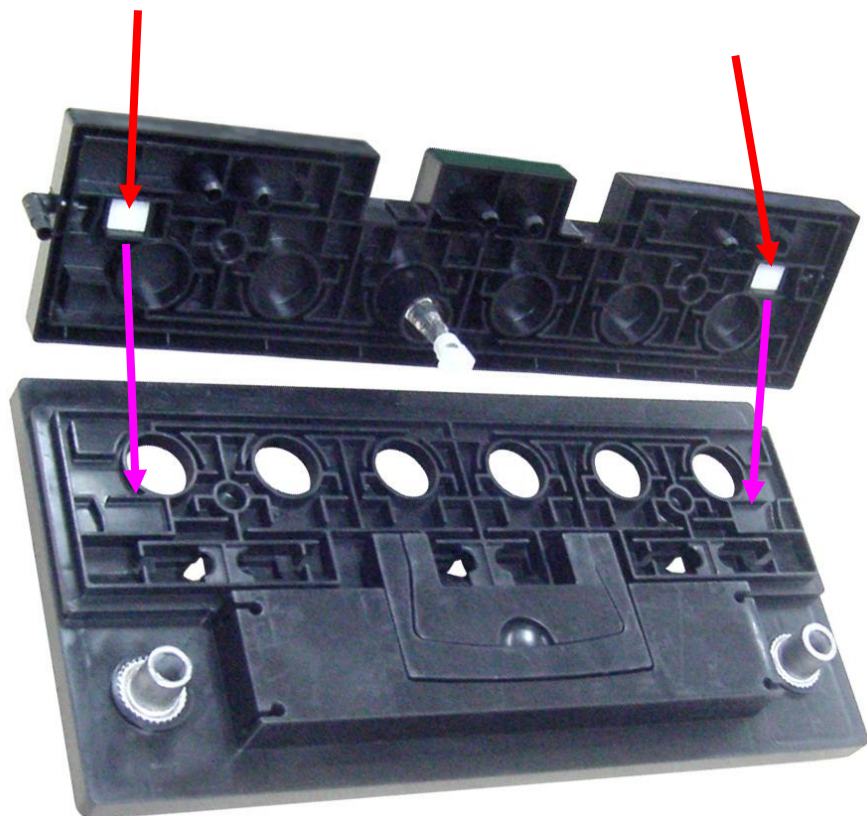
Completely seals the lid to prevent any unauthorized interference in the battery →
The original factory expertise is thus guaranteed.



The Technical Highlights of Trane SMF



FLASH ARRESTOR



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





The Technical Highlights of Trane SMF



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.



The Technical Highlights of Trane SMF



Big Size Indicator (Power-Eye)

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



Battery OK



Recharge Battery



Check Battery

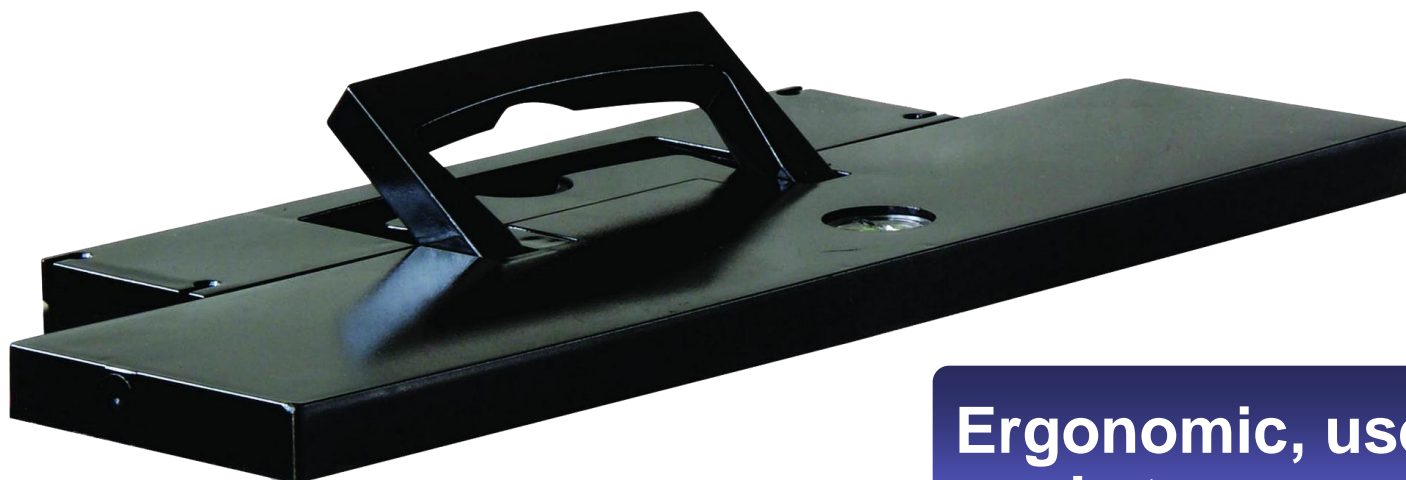




The Technical Highlights of Trane SMF



HANDLE



**Ergonomic, user-friendly
and strong**

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



The Technical Highlights of Trane SMF



Shelf Life Report

