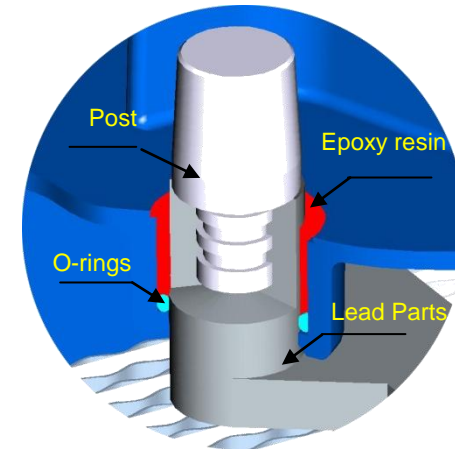
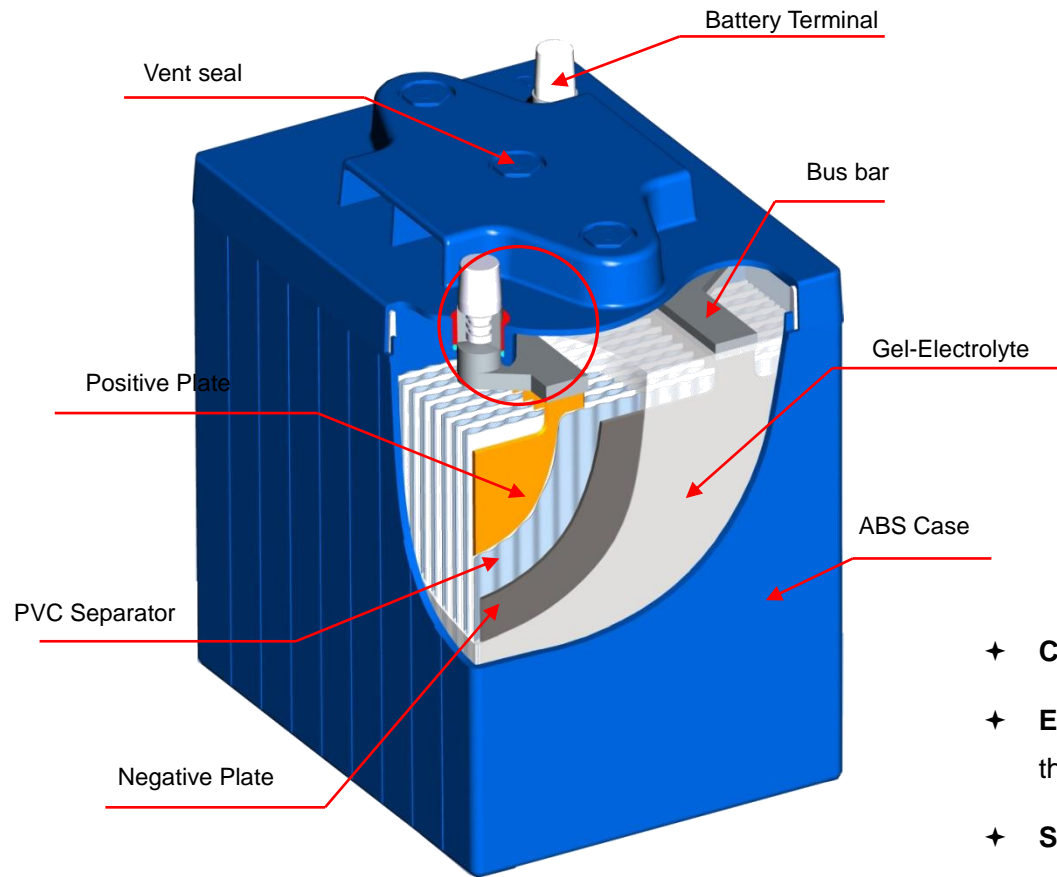


Design and Materials



Calcium gives the grids mechanical stability and guarantees low gassing rates. Tin is good for both, high corrosion resistance and high number of cycles.

- ✦ **Plates (electrodes):** All positive and Negative plates of all DCG batteries have pasted grids:
Alloy: Lead-Tin-Calcium (Pb-Sn-Ca).
- ✦ **Container& case:** ABS (UL94-V0 on request).
- ✦ **Electrolyte:** The Battery electrolyte contains fumed silica, and there is no flow, no leakage or no graduation of acid liquor.
- ✦ **Separators:** European manufactured PVC-SiO₂ separator is used for the optimum performance in its class.
- ✦ **Terminal:** DIN Standard automotive post, Brass with Pb-Sn.
- ✦ **Relief valve:** Release gas in case of excess pressure and protects the cell against atmosphere.