

Translations:Fonctionnement, entretien et régénération de batteries au plomb/50/en

- **Loss of active material:** During charge and discharge cycles, the positive and negative plates undergo strong mechanical stresses (high currents, induced magnetic fields). The plates gradually disintegrate and the active material accumulates at the bottom of the battery. This "mud" can cause short circuits between two plates.



How to avoid it ?

- Avoid deep discharges.
- Avoid rapid discharges: If the battery is discharged very quickly, the mechanical stresses do not have time to accommodate themselves and disintegration is faster.
- Choose batteries with thick or tubular electrodes.