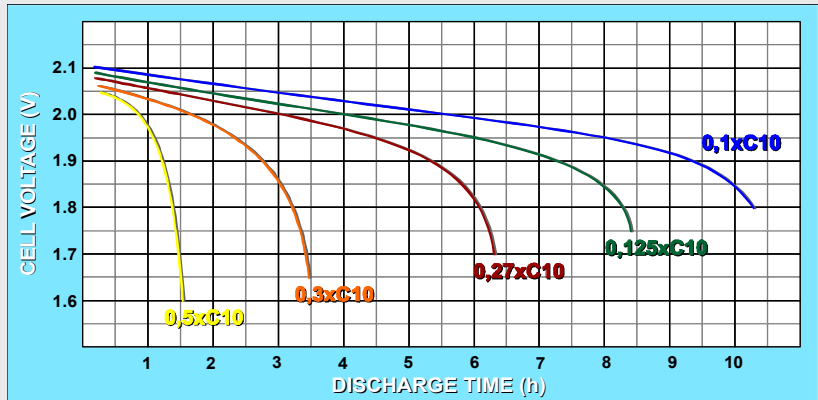


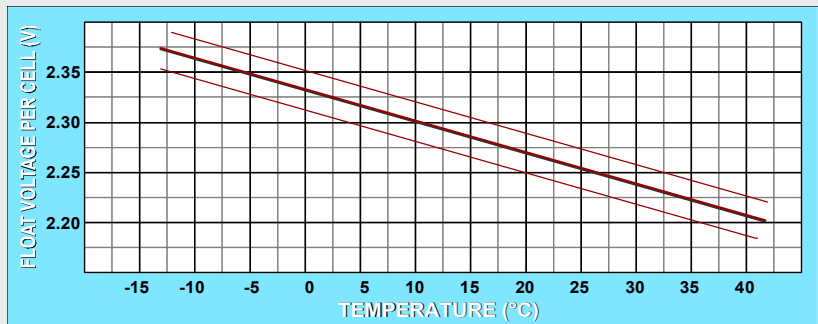
1. Cell voltage during discharge

Typical curves of cell voltage as a function of discharge duration under constant current conditions. The curves shown should be used as examples only and are not intended to calculate capacities.



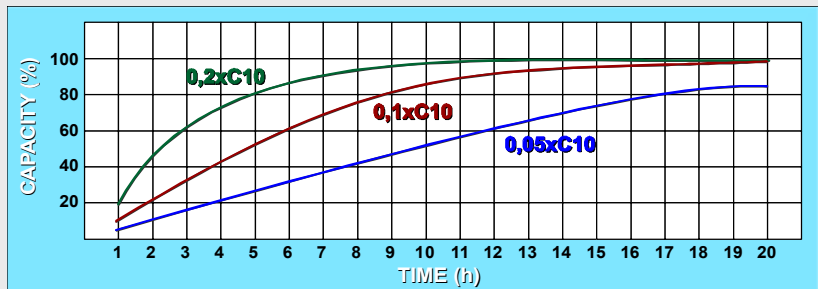
2. Float voltage

The recommended operational mode for MVR type batteries is float charging with 2.27 Vpc +/- 1% at 20°C. The float voltage should be corrected according to the graph when room temperature permanently deviates from the 15 to 25°C range.



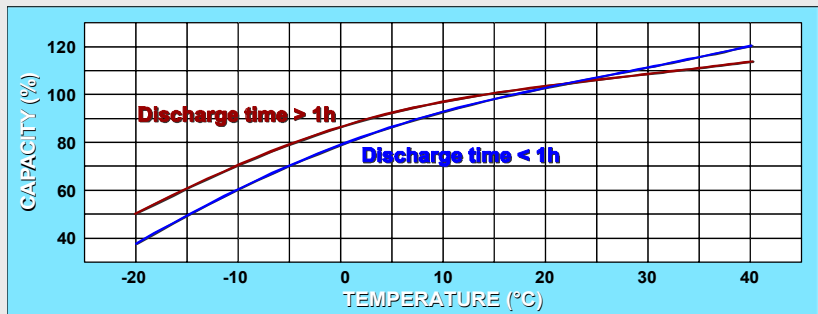
3. Recharge profile

Regained capacity of MVR type batteries as a function of the charging current at float voltage limited to 2.27 Vpc. If it is necessary to make a quick recharge, it is acceptable to use a higher level of charging voltage - up to 2.4 Vpc, but no longer than 48 hours.



4. Effect of temperature over capacity

The available nominal capacity or autonomy time as a function of the battery temperature during discharge can be approximately determined from the graph.



5. Self discharge

The recommended storage time of MVR type batteries without recharge is no longer than 6 months at 20°C. At that time the residual capacity should be approximately 80% of the nominal.

