

Victron battery

BAT412201085 - The Victron AGM range offers best deep cycle durability and overall longer life. The use of high purity materials and lead calcium grids ensure that for both AGM and GEL products have particularly low self-discharge so that they will not go flat during long periods without charge.

AGM stands for Absorbent Glass Mat. In these batteries the electrolyte is absorbed into a glass-fibre mat between the plates by capillary action. As explained in our book 'Energy Unlimited', AGM batteries are more suitable for short-time delivery of high currents than gel batteries.

Because of the use of lead calcium grids and high purity materials, Victron VRLA batteries can be stored during long periods of time without recharge. The rate of self-discharge is less than 2% per month at 20°C. The self-discharge doubles for every increase in temperature by 10°C.

The rated capacity of Victron AGM and Gel Deep Cycle batteries refers to 20 hour discharge, in other words: a discharge current of 0,05 C. The rated capacity of Victron Tubular Plate Long Life batteries refers to 10 hours discharge. The effective capacity decreases with increasing discharge current (see table 1). Please note that the capacity reduction will be even faster in case of a constant power load, such as an inverter.

BAT412151084 - The Victron AGM range offers best deep cycle durability and overall longer life. The use of high purity materials and lead calcium grids ensure that for both AGM and GEL products have particularly low self-discharge so that they will not go flat during long periods without charge.

BAT412117081 - The Victron AGM Super Cycle Batteries have a very low internal resistance making them particularly suitable for high current discharge applications such as for inverters, thrusters and winches. VRLA AGM: design life 7-10 years



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