



AGM Super Cycle Victron Energy

What are AGM super cycle batteries?

The AGM Super Cycle batteries are the result of recent battery electrochemistry developments. The paste of the positive plates is less sensitive to softening, even in case of repeated 100% discharge of the battery, and new additives to the electrolyte reduce sulfation in case of deep discharge.

What voltage is a victron Super Cycle 100Ah AGM battery drained?

A Victron Super Cycle 100Ah AGM battery drained at around 0.1C rate shows 12.37V under-load voltage, which indicates a State of Charge around 60%. AGM Cut-off Voltage? Cut-off voltage or low-voltage cut-off refers to the voltage at which the battery discharge is stopped voluntarily.

What is an AGM battery?

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. 3. Sealed (VRLA) Gel Batteries

What is the difference between AGM and deep cycle batteries?

The internal resistance is also slightly lower compared to our standard deep cycle AGM batteries. The charge voltage should be reduced with increased temperature. Temperature compensation is required when the temperature of the battery is expected to be less than 10°C / 50°F or more than 30°C / 85°F during long periods of time.

When should I choose a super cycle battery?

We recommend the Super Cycle battery for applications where an occasional discharge to 100% DoD, or frequent discharge to 60-80% DoD is expected. An additional advantage of the new chemistry is a slightly smaller size and less weight compared to our standard deep cycle AGM batteries.

Which battery is better AGM or gel?

Gel batteries in general have a longer service life and better cycle capacity than AGM batteries. 4. Low Self-Discharge 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.

Découvrez la nouvelle batterie Super Cycle de Victron Energy présentée ! Le Super Cycle 12V/170Ah Super Cycle Batt. est idéal pour une demande de recharge de courant. Cette batterie dernière génération offre une durée ...

The Victron Energy - 12V/230Ah SuperCycle AGM Battery - Group 8D offers reliable and high-capacity power for your applications. Designed for demanding usage, this deep cycle battery provides excellent cycling



AGM Super Cycle Victron Energy

capabilities. With ...

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