

4 Effective Ways To Maintain Your AGM Battery & Keep it Durable

AGM batteries are designed to have a long service life – typically, more than seven years. Unlike the flooded batteries, AGM batteries require less effort to ensure its maintenance. However, understanding how to store, charge, use the manufacturer's recommended chargers, and preventing sulfation is essential in expanding lifespan and performance. To enable you to get the best out of your AGM battery, here are four effective ways of charging and maintaining it.

Storing your AGM battery

When you are storing your AGM battery for longer periods, always remember to recharge. Store your battery in a place that has enough ventilation and ensure it is a cool and dry store. Avoid keeping your battery in a discharged state, as this will lead to sulfation.

Sulfation prevention

When the sulfuric acid found in the lead-acid batteries react, especially in the negative plate, it will form lead sulfate, which results in sulfation. Sulfation reduces the battery's ability to hold a charge. Keeping your AGM battery charged during and before storage will help to avoid the process of sulfation. In case sulfation occurs on your AGM battery, use a desulfation charge to reverse the sulfation. You can also use the AGM battery recommended charger to lower the impact of sulfation.

Do not overcharge the AGM battery

Maintaining the performance of your AGM battery demands correct charging. The internal structures of your AGM battery can be damaged due to overcharging. Likewise, the lifespan of your AGM battery can be reduced due to undercharging. To effectively charge your AGM battery, determine what the correct voltage should be, as written in the manufacturer's instructions. Avoid using a traditional petrol generator to charge your AGM battery.

Use the manufacturer's recommended charger

Every AGM battery has a recommended charger, as per the manufacturer. The manufacturer's charger ensures the delivery of the recommended voltage to the AGM battery without undercharging nor overcharging. When the wrong charger is used, it can cause sulfation to your AGM battery.

The durability of your AGM battery is highly dependent on storage, charging, and prevention of sulfation. Your AGM battery requires a manufacturer's recommended charger, which is different for various batteries. To inquire about the AGM battery, their chargers, and the cost, [click here](#) for more information.