

Batteries - Technical Specifications, Maintenance Information & Charging



Product Description

Charging these batteries before installation and regularly throughout their life will maximize battery performance. Correct preventative maintenance and charging procedures must be followed while using a good-quality battery charger. This will be considered for any warranty/credit requests.

You can purchase a good quality charger from Deeco- Contact us for more information

Preventative Maintenance

Inspection:

AGM batteries do not have free flowing electrolyte or removable vents and lose very little water during charging. Because of their construction, AGM batteries are considered non-spillable and maintenance free since no watering is required.

Warning:

Water should NEVER be added to deep-cycle AGM batteries.
Do not attempt to remove vent caps for any reason.

Cleaning:

- clean the top of the battery terminals and connections with a cloth or brush and a sodium bicarbonate solution (150g of baking soda to 1 litre of water (150g/L)).
- Rinse with water and dry with a clean cloth.
- Keep the area around batteries clean and dry.

Charging

- proper charging will maximize battery performance.
- Both under and over-charging can reduce the life of the battery.

Do not discharge your battery more than 80% to prevent over-discharging and damaging the battery's internal components.

- Avoid charging at temperatures above 50 degrees Celsius.
- You can purchase a good quality charger from Deeco - contact us for more information.

Equalizing

- AGM Batteries do not require equalizing.

Warning:

Do not equalize deep-cycle AGM batteries.

Permanent damage to the battery will occur.

Storage

- Fully charge batteries before placing them in storage.
- Store in a cool, dry location, protected from the elements.
- Batteries self-discharge during storage. Monitor the voltage every 2-3 months.
- AGM batteries can be stored for up to 6 months at 25 degrees Celsius, and then re-charging is recommended.
- The monthly self-discharge ratio is less than 3% at 25 degree Celsius.

Important:

Please charge batteries before using them.

- In high temperatures(greater than 32 degrees Celsius) monitor the voltage every 1-2 months, as batteries will self-discharge faster.
- Stored batteries should be given a boost charge when they are at or less than 75% state of Charge(SOC).
- After storage, recharge before use.