



CARE AND MAINTENANCE FOR YOUR DEEP CYCLE LEAD ACID BATTERIES



CAUTION:

**Always wear protective clothing when handling your batteries.
Please refer to Australian Standard MSDS guidelines
for correct protective measures**

Your new cart is powered 100% by its batteries, therefore it is crucial that these are regularly checked to ensure you continue to use your cart without trouble.

Care for the batteries & a regular service will save you hundreds if not thousands so please take note of the below. If you had any questions or were unsure about any of the following please call us at CARTS 'n' Parts on 1300 93 88 11.

They say theres no stupid questions so throw them us, cart care its what were here for.

What Batteries are in your cart?

No Maintenance Deep Cycle(VRLA) Valve Regulated Lead Acid Sealed Cell

ECAR GREY SEALED BATTERIES

2 Year Replacement warranty if the batteries have been deemed to fail by a Golf Cart Technician

This type of battery is unique to CartsNParts Australia and is guaranteed to equal or outperform standard maintainable wet cell lead acid batteries.

The main difference is you never have to add water for the life of the battery, the caps are sealed and should only ever be removed by a licensed technician under fault conditions were the batteries charge level has been allowed to drain to below 5%.

Trojan Deep Cycle Wet Cell

MAROON OR BLACK TROJAN BRANDED BATTERIES

Backed by our Authorised Dealer 2 Year replacement warranty when the batteries are deemed faulty by a golf cart technician.

This type of battery by Trojan Battery company is regarded as one of the industries standard in maintainable wet cell lead acid batteries.

These batteries equal the output capabilities of our VRLA Batteries and are the industry standard for Golf Carts

TURN OVER THE PAGE FOR YOUR BATTERY CARE GUIDE AND REGULAR ROUTINE CHECKS

BATTERY CARE

It is important to understand that batteries are your fuel tank; they need to be cared for and maintained in order to provide a long and trouble-free life.

Daily charging if the cart has been driven that day and weekly charging if the cart is being stored. This is vital in order to maintain your warranty and vital in prolonging the life of your batteries.

Yes, we can actually access the data in the carts Controller to see if a cart has been charged & discharged correctly in its life.

WATERING YOUR TROJAN DEEP CYCLE WET CELL BATTERIES (Only Applies to Trojan Batteries)

There are two main ways under watering (or not) can be harmful to your batteries.

1. Under filling (not enough water)
2. Not adding water at all

Both of which can be fatal for your batteries and void any warranty supplied by CartsNParts or Suppliers

UNDER FILLING THE WATER IN YOUR BATTERIES

The electrolyte in a battery is the solution of water and sulfuric acid. During the normal process of charging and discharging, the level of the electrolyte changes.

It is necessary to periodically bring the electrolyte level up to the correct level by adding distilled or demineralised water. The correct electrolyte level is approximately 40mm below the top lip of the cap.

DO NOT USE TAP WATER AS THIS WATER HAS MINERALS IN IT THAT WILL SERIOUSLY HARM YOUR BATTERIES.

DRIVING YOUR CART WHEN THE ELECTROLYTE LEVEL HAS FALLEN BELOW THE TOP OF THE METALLIC PLATES INSIDE THIS CAN CAUSE FAILURE AND IRREVERISBLE DAMAGE TO YOUR BATTERY. PLEASE CHECK YOUR WATER LEVEL ONCE A MONTH TO ENSURE THIS NEVER HAPPENS.

DO NOT FILL FLAT OR DISCHARGED BATTERIES

In fully charged batteries, the electrolyte is at its highest optimum level. As batteries are discharged, the level of the electrolyte will decrease as a normal chemical process of the batteries. When you recharge the batteries, the level of the electrolyte will return to its optimum level.

If you water batteries when discharged, you will over water them because the level of the electrolyte will increase when you charge the batteries.

Please do not -- repeat -- do not water any discharged battery.

The correct way to water a battery is to first fully charge it, check the level of the electrolyte then add water to bring the electrolyte to the optimum level as outlined above (40mm below top lip of the cap)

The only exception to this is if the tops of the plates are exposed; then add only enough water to cover the plates, charge the batteries and then check the electrolyte level to the correct level.

HOW OFTEN SHOULD YOU CHECK THE WATER LEVEL? Every 3-4weeks

HAVE ECAR NO MAINTENANCE VRLA BATTERIES IN YOUR CART?

Easy, just keep your cart fully charged each night and enjoy!