

BATTERY CARE AND MAINTENANCE: 2 IMPORTANT STEPS, FOR MAINTAINING A PROPERLY CHARGED CART.

*****LITHIUM & AGM GEL BATTERIES CAN DISREGARD ANY “WATERING” INSTRUCTIONS - ALL ELSE WILL APPLY! *****

Charging:

Proper charging is imperative to maximize battery performance. Both under- or over-charging batteries can significantly reduce the life of the battery. For proper charging, refer to the instructions that came with your equipment. Most chargers are automatic and pre-programmed. Some chargers allow the user to set the voltage and current values.

- ✓ Make sure the charger is set to the appropriate program for deep-cycle flooded/wet, AGM or gel, depending on the type of battery you are charging.

******Batteries should be fully charged after each use. THIS INCLUDES LITHIUM AND AGM! *****

- ✓ Lead-acid batteries (deep-cycle flooded/wet, AGM or gel) do not have a memory effect and therefore do not need to be fully discharged before recharging.
- ✓ Charge only in well-ventilated areas.
- ✓ Check electrolyte level to make sure plates are covered with water before charging (deep-cycle flooded/wet batteries only).
- ✓ Check that all vent caps are secured properly on the battery before charging.
- ✓ Deep-cycle flooded/wet batteries will gas (bubble) towards the end of charge to ensure the electrolyte is properly mixed.
- ✓ Never charge a frozen battery.
- ✓ Avoid charging at temperatures above 120°F (49°C).

Watering: FOR LEAD ACID BATTERIES ONLY

Deep-cycle flooded/wet batteries need to be watered periodically. The frequency depends upon battery usage and operating temperatures. Check new batteries every few weeks to determine the watering frequency for your application. It is normal for batteries to need more watering as they age. ***DISTILLED WATER***

- ✓ Fully charge the batteries prior to adding water. Only add water to discharged or partially charged batteries if the plates are exposed. In this case, add just enough water to cover the plates and then charge the batteries and continue with the watering procedure below.
- ✓ Remove the vent caps and place them upside down so that dirt does not get on the underside of the cap or for Plus Series™ batteries, simply flip open the cap. Check the electrolyte level.
- ✓ If the electrolyte level is well above the plates, then it is not necessary to add more water.
- ✓ If the electrolyte level is barely covering the plates, add distilled or de-ionized water to a level 1/8" (3 mm) below the vent well (this is the plastic shield inside the vent hole) for standard batteries and to the maximum (MAX) level indicator for Plus Series™ batteries.
- ✓ After adding water, secure vent caps back on batteries.

IT IS IMPORTANT TO HAVE A GOOD BATTERY ROUTINE. MAKE SURE YOU ARE ALWAYS CHARGING YOUR CART AFTER EVERY USE. ALWAYS CHECK YOUR WATER LEVELS. THE TYPICAL LIFE SPAN OF BATTERIES IS DEPENDEDENT ON USAGE. THE LIFESPAN IS USUALLY 3 TO 5 YEARS. - (For Lead Acid & AGM)

PLEASE REFER TO YOUR BATTERY MANUAL, FOR MORE INFO ON KEEPING YOUR BATTERIES CLEAN ETC.