

## Avoid Contact With Battery Acid

- Battery posts may have acid corrosion. **DO NOT** get corrosion in your eyes. Avoid touching eyes while working near battery.
- **ALWAYS** use a battery carrier. Carrying a battery by hand may put pressure on its ends, causing acid to be forced out vent caps.
- **ALWAYS** have plenty of fresh water and soap nearby in case battery acid contacts eyes, skin, or clothing. If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flood eye with cold running water for at least fifteen (15) minutes and get medical help immediately.
- In very cold weather a discharged battery may freeze. **NEVER** charge a frozen battery. Gases may form, cracking the case, and spray out battery acid.

## AVOID OVERCHARGING

**BATTERIES** The manual battery charger models can overcharge if left connected for a long period of time, resulting in loss of water and creation of hydrogen gas

## FOLLOW OTHER MANUFACTURER'S RECOMMENDATIONS

Before using the charger, read all instructions, cautions, and warnings for the battery.

**NEVER** alter the AC power cord or plug provided.



For More Information Contact:  
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## GOLF CART CHARGING INSTRUCTIONS

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## INSTRUCTIONS FOR YOUR SAFETY

**A GUIDE PROVIDED BY  
THE WINFIELD FIRE  
DEPARTMENT**



**RISK OF BATTERY EXPLOSION FROM HYDROGEN GAS, MAY RESULT IN BLINDNESS, SERIOUS INJURY, PERMANENT DISFIGUREMENT AND SCARRING.**

Batteries generate explosive hydrogen gas, even during normal operation. They can explode under abnormal conditions, such as jump starting, or if short-circuited by a tool. They can explode in a parked car or sitting on a table.

**To help reduce the risk of these dangers and injury, it is of the utmost importance that each time before charging your golf cart, you read and understand all warnings and instructions by the golf cart and battery manufacturer.**

To help reduce this risk, please follow these recommendations:

**Wear Personal Protective Equipment – ALWAYS** wear complete eye protection. This means eye protection that covers the entire eye area.

**Avoid Flames and Sparks Near Battery and Fuel**



**ALWAYS** keep flames, matches, lighters, cigarettes or other ignition sources away from battery.

- **DO NOT** put flammable material under the golf cart when charging.
- **ALWAYS** plug charger into an electrical outlet **AFTER** all connections have been made.
- If necessary to remove battery from the golf cart, **ALWAYS** turn off all accessories in the cart. Then **ALWAYS** remove grounded terminal (connected to car frame) from battery first.
- A tool touching both battery posts or battery post and car metal parts is a short circuit and will spark. When using metal tools on or near battery be extra cautious to reduce risk of short circuit, possibly causing a battery explosion. **DO NOT** drop a tool on battery.

**Reduce Explosive Gas (hydrogen)**

- Before connecting charger, **ALWAYS** add water to each cell until battery acid covers plates to help purge extra gas from cells.

- **DO NOT OVERFILL.** Battery acid expands during the charging process. After charging fill to level specified by battery manufacturer. For a battery without removable caps (maintenance free battery), carefully follow manufacturer's instructions on charging.
- Some sealed maintenance free batteries have a battery condition indicator. A light or bright colored dot indicates low water. Such a battery needs to be replaced, not charged or jump started.
- Charge battery with caps in place. **DO NOT** pry caps off sealed batteries.
- **NEVER** charge a golf cart when you are not home to monitor the charging process.

**Open**

- *garage doors when charging the golf cart. All battery charging should be conducted in a well-ventilated area before and during the charging process.*
- **NEVER** charge in a closed-in or restricted area.

**Stay Away From Battery When Possible**

- **NEVER** put face near battery.
- **ALWAYS** locate charger as far from the golf cart as the cord permits.