



## **Safety and Maintenance Guidelines**

### **Safety:**

All batteries, Wet lead/acid, Gel, and AGM contain lead and sulfuric acid, which are both toxic. Sulfuric acid is highly corrosive. In addition, when batteries are charged, they produce hydrogen gas, which is highly flammable and can cause explosion.

### **Proper handling is always important, or else the following can be the result:**

**\*Explosion!** Improper charging and poor maintenance can cause low acid/electrolyte levels, causing high concentrations of hydrogen, which can cause an explosion. Although an explosion is considerably less likely to happen with a gel/agm type battery.

**\*Fire!** Tools or jewelry that touch terminals together can cause sparks, smoke and even an explosion.

**\*Corrosion!** Overfilled or overcharged wet lead/acid batteries can force out acid, which can damage clothing, property and people.

### **Battery Charging:**

To properly charge your Deep Cycle gel/agm battery, follow these procedures.

- Never use an automotive or wet type charger on a gel/agm battery.
- Never run your battery completely flat
- Do not frequently charge your battery just to “top it off”

### **How often do I need to charge?**

**Active users:** Charge daily.

**Occasional users.** Charge your battery before any outing and always after active use.

### **How should batteries be stored?**

- Batteries should always be stored “ fully charged “
- Wet batteries hold their charge for up to 3 months
- Gel/Agm batteries hold their charge for up to 6 months
- When left in a chair or scooter for more than 2 weeks, charge the batteries the disconnect them.