

# Battery Charger

1. Always read and understand the instructions before using the equipment.
2. When using a battery charger, charge only rechargeable lead-acid, maintenance free, low maintenance or deep cycle batteries.
3. Use the attachments recommended by the manufacturer.
4. Do not operate a damaged charger.
5. Repair of a charger will be done by a qualified service center.
6. Chargers will not be located to restrict the flow of cooling through the cabinet.
7. Do not expose the charger to excessive moisture.
8. Lead cables will be protected.
9. When hooking lead cables to batteries, the unit will be disconnected from an outlet.
10. Charger units will be equipped with an on-off switch.
11. Charger units shall be kept clear of any possible ignition sources.
12. While charging batteries with fill caps, do not remove the caps from the batteries.
13. Do not smoke, strike a match, or cause a spark in the vicinity of a battery charger.
14. Wear eye and hand protection.
15. Before charging:
  - a. Check battery visually and electrically to make sure it's rechargeable with minimum danger.
  - b. Add distilled water to proper level.
16. Charging:
  - a. Connect and disconnect battery leads only when supply cord is disconnected and both switches are off.
    - i. Red clip is positive.
    - ii. Black clip is negative.
  - b. Connect charger output lead of proper polarity to underground battery post (not connected to the auto chassis) and opposite polarity lead to engine or chassis away from battery.
    - i. Avoid carburetor and air cleaner.
  - c. When polarity light is on, turn time to designated setting and select proper voltage and charge rate.
  - d. Do not overcharge battery.
  - e. Reverse sequence to disconnect unit. If sulfuric acid from battery contacts skin or clothes, flush well with water.
    - i. For contact with eyes, flush well with cold water and get medical attention.
17. Replace defective cords and wires immediately.