# **Battery Charging Procedure**

(For SLA, GEL cell or AGM Batteries)

Your scooter/power chair and its batteries are designed and built to very high standards by their respective manufacturer. The chargers are <u>not</u> designed and built by the battery manufacturers. They are built to meet a specification and are designed and built by a third party.

#### A. GENERAL CHARGING PROCEDURE

1. Essentially, when the battery power indicator reaches 50% or less, it is time to charge your scooter/power chair for 8 hours minimum, 12 hours <u>maximum</u>.

### **IMPORTANT**

DO NOT ALLOW THE BATTERIES TO DRAIN ALL THE WAY.
WHEN THEY ARE DEAD, THEY ARE DEAD.

DO NOT CHARGE THE BATTERIES FOR MORE THAN 12 HOURS AT A TIME.

THIS WILL DECREASE BATTERY LIFE/CHARGE AND EVENTUALLY
BURN UP THE BATTERIES.

DO NOT LEAVE YOUR SCOOTER/POWER CHAIR PLUGGED IN.
ONCE IT IS FULLY CHARGED, UNPLUG THE UNIT.

#### **B. SPECIFIC CHARGING PROCEDURE**

- 1) If the scooter or power chair is operated every day (3 or more hours per day), the batteries should be charged every night between 8 and 12 hours.
- 2) If the scooter or power chair is operated 3-4 days a week, the batteries can be charged once a week between 8 and 12 hours.
- 3) If the scooter or power chair is operated 2 days a week, the batteries can be charged 1-2 times a week between 8 and 12 hours.
- 4) If the scooter or power chair is operated 2 days a week or less, the batteries can be charged when the battery indicator gets down to 50% or lower for between 8 and 12 hours.

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#### C. WINTERIZATION / STORAGE PROCEDURE

In the event that your mobility device will NOT be used during the winter months. It is recommended that the batteries charge be kept up with this period. By charging the batteries prior to storage, this will ensure the batteries are stored with a full charge on them.

## <u>IMPORTANT</u>

DO NOT ALLOW THE BATTERIES TO FREEZE.

THIS WILL KILL THE BATTERIES AND THEY CANNOT BE
RECHARGED AFTER THAT.

- 1) After charging the batteries fully, remove them from the scooter/power chair cradle where they normally would sit during use. The batteries will still drain, but they will drain slower. If the batteries are left on the scooter/power chair (or plugged into the scooter/power chair controller/power module), that module will constantly draw current from the batteries, thus making the batteries drain faster.
- 2) During storage, the batteries should be charged at least every 3 months for 8 hours minimum, 12 hours maximum.
- 3) After the storage period is over, fully charge the batteries again prior to first use.

This is the proper way to charge and/or store batteries. If you have additional questions, please reach out to the Top Mobility Service Team.

You can reach us by emailing <u>service@topmobility.com</u> or calling us at 1-888-364-3813.