

# Rechargeable Scoreboard Battery

The rechargeable scoreboard battery is a sealed lead acid (SLA) battery for the Seven Inch LED Scoreboard. The battery will power the scoreboard for 10 to 12 hours at full brightness or about 20 hours at reduced brightness (choose “Dim Scoreboard” in the “Scoreboard Options” menu). The charger provided will recharge a completely drained battery in just a few hours.

Operation of the scoreboard from the battery is as simple as plugging the cable from the battery into the side of the scoreboard. When finished for the day, or during long breaks, unplug the battery from the scoreboard to prevent further drain of the battery.

## Charging the Battery

- 1) Connect the charger to A/C power and to the battery. The charger is 100-240 volt compatible – only a plug adapter is needed for international outlets.
- 2) During the first ten seconds after applying power, you may see the charge status LED go from off, to green, and then possibly to red. This is normal.
- 3) When the status LED is red, the battery is charging. When the battery is fully charged, the red status light changes to green.
- 4) Unplug the battery from the charger and unplug the charger from the A/C outlet when charging is complete.

## Charging Notes

- The battery can safely remain connected to the charger for several hours after the light turns green.
- The amount of time it takes to charge the battery is dependent upon how discharged the battery is. A full charge takes approximately 3 to 4 hours.
- You can safely charge the battery at any time without regard to how discharged the battery is. The charger will properly “top off” the battery even if the battery is not fully discharged. It’s a good idea to charge the battery shortly before each event.
- The battery charger should be used indoors and should be well ventilated to prevent overheating (e.g., not under a blanket or sitting in thick carpet).
- ***Always charge the battery immediately after each use and every three months or so while in storage.*** The battery should not be left discharged for long.

## Warning / Caution

- Make sure the **RED** lead is connected to the **RED** battery terminal and the **BLACK** lead is connected to the **BLACK** terminal. Reverse voltage can damage the scoreboard.
- When transporting or storing the battery, ***make sure the plug at the end of the cable does not touch the battery terminals*** or anything metal. A dangerous electrical short could occur if the metal plug touches the exposed portion of the positive terminal of the battery.
- During operation, position the battery securely so it is unlikely to drop or fall. A fall could damage the battery, the power cable, and possibly the power jack in the scoreboard.