Charger May Not Be Working Troubleshooting Guide

Step #1
After plugging in charger, does the battery gauge flash for 30 to 45 seconds and then turn solid?

If no,
- Unplug the charger
- Check the electrical outlet for power
- Check all electrical connections and wiring to the charger. Do you see any dark color on either terminal end of the wire between the charger and the controller?

If yes, replace the wire assembly.

If outlet, wiring, and all electrical connections seem to be OK, a voltage or multi-meter is needed for following test steps:

Step #2
Check voltage at positive post on one battery and negative post on the other battery. **If voltage is below 4 volts, the charger will not function.** The batteries need to be charged individually with a 12 volt 3-7 amp off board charger to be brought up to or above 4 volts each or 8 volts in series.

Step #3
If the battery voltage is at or above 8 volts, plug charger in and check for voltage rise at batteries. If the voltage is rising, the battery LED light or the gauge should also be lighted and blinking initially for approximately 30-45 seconds until it comes to a steady light. If the battery gauge does not blink when the charger is plugged in, the charger is defective.

Another way to test the charger is as follows:
Plug in the charger, within 5 minutes the voltage at the battery should be 22-26 volts. After removing the wire from one battery the voltage should jump to 29-30 volts. (Check the voltage at the battery plug that connects to the controller)