



Senior Design Smart Cooler

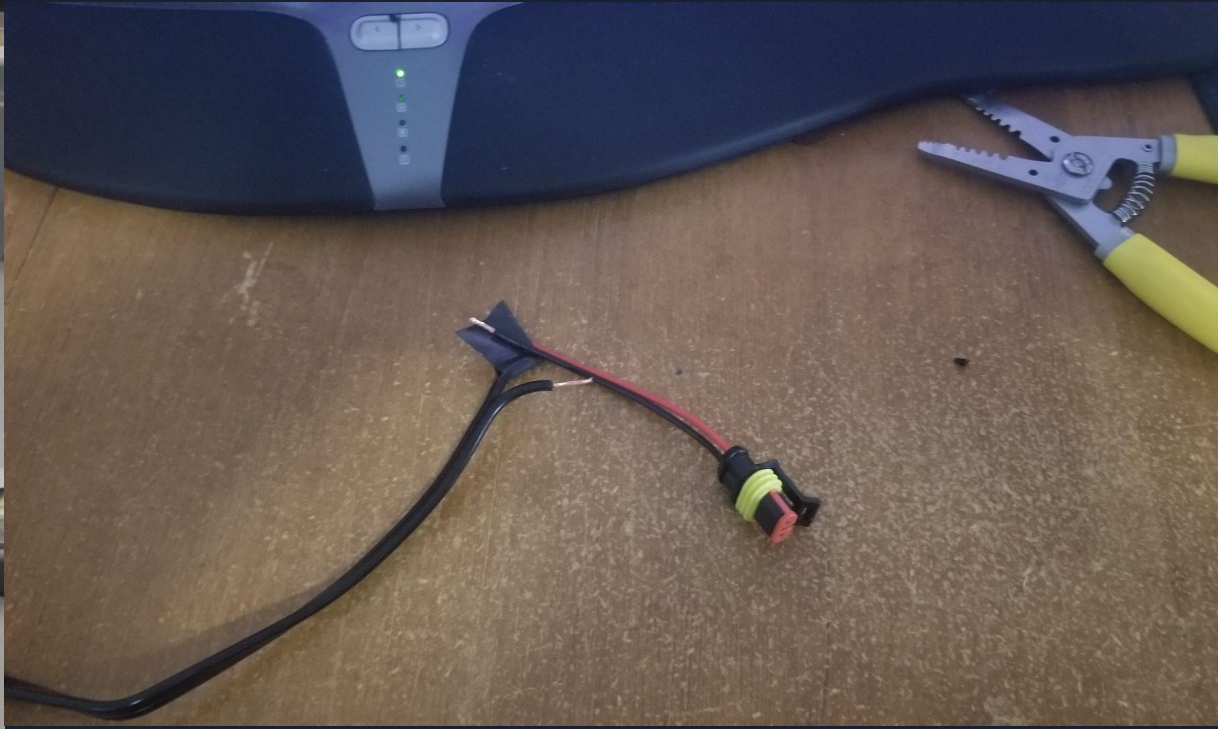
Week 3 Sep 07 - Sep 13



Progress made during the week

- Wired and installed Battery Charger
- Created cord for 120V AC charging
- Installed Smart Converter for Solar charging
- Designed section dividers
- Cut Acrylic to support dividers

Setup and Prep



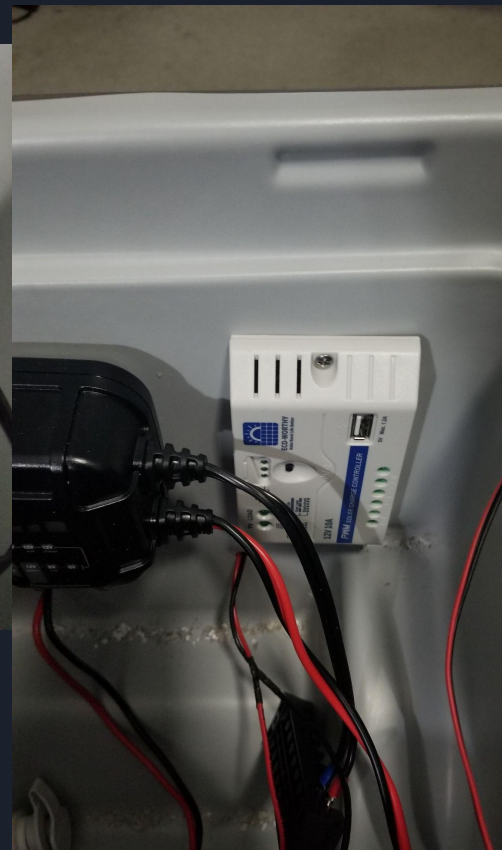
Ac Charging



AC Charging Cable



AC testing power confirmed





Goals for next week

Here are the priorities for next week:

- Wire Solar panel and confirm charging
- Install Terminal blocks to power systems
- Route wires for wireless charging
- Test batteries
- Modify design of app
- Read sensor data to app
- Get GPS position displaying on app