



Senior Design Smart Cooler

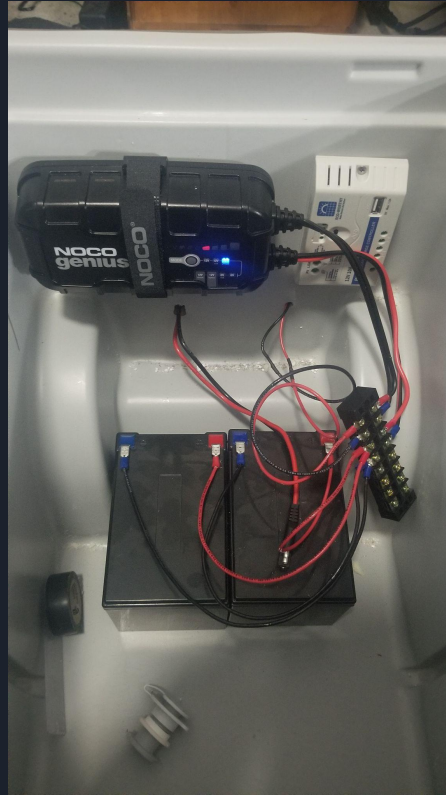
Week 4 Sep 14 - Sep 20



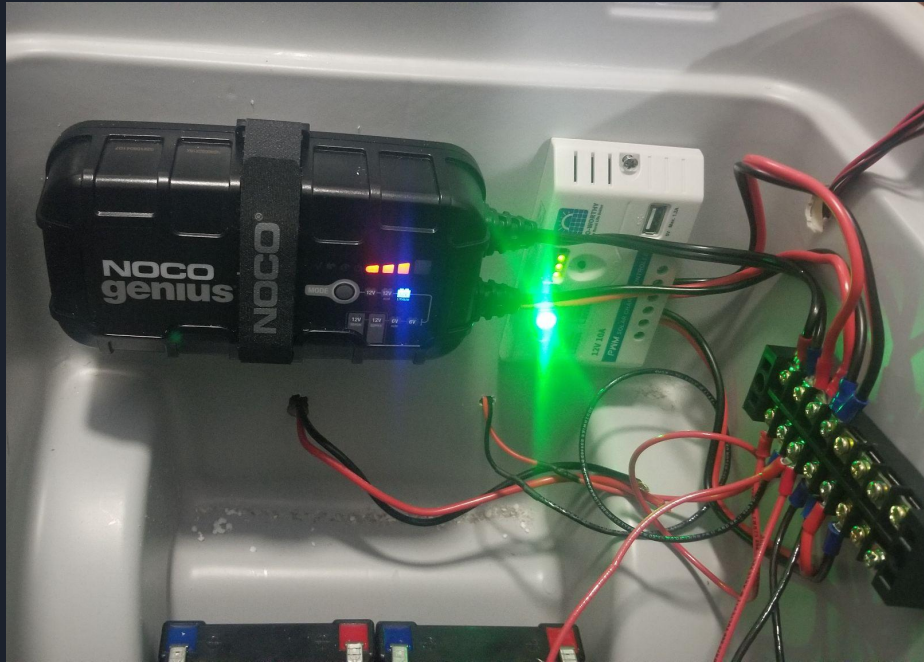
Progress made during the week

- Connect batteries and confirm Charging
- Wired 12V DC input
- Wired device charging ports
- Finished battery output circuit
- Troubleshot Mobile app Update issues

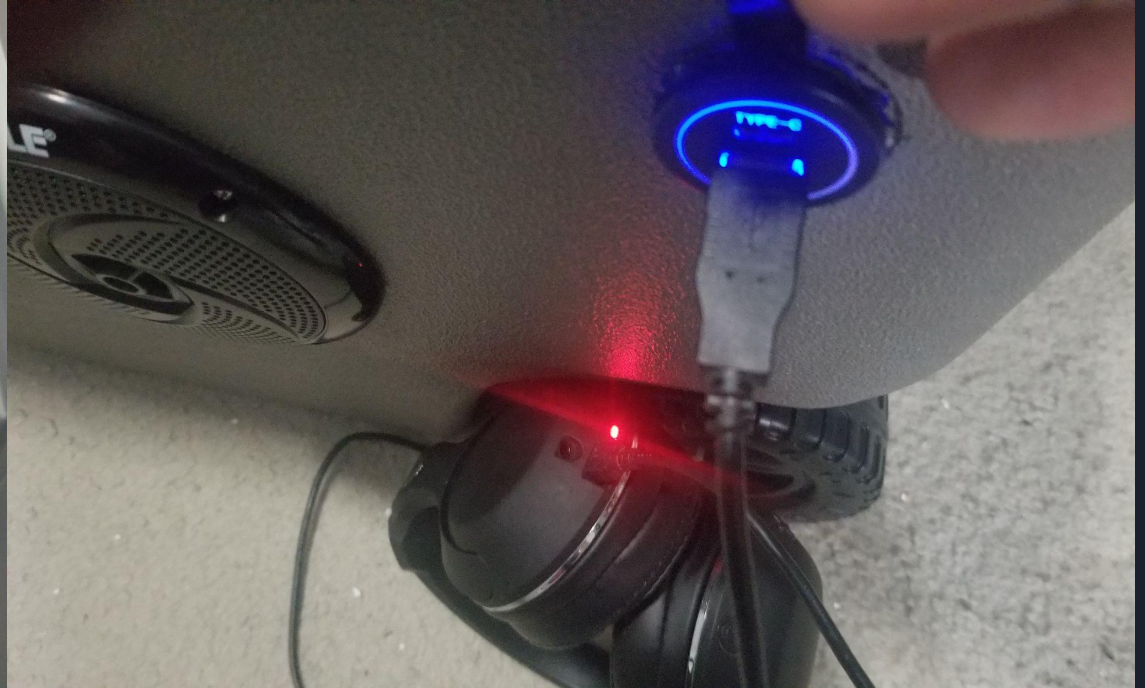
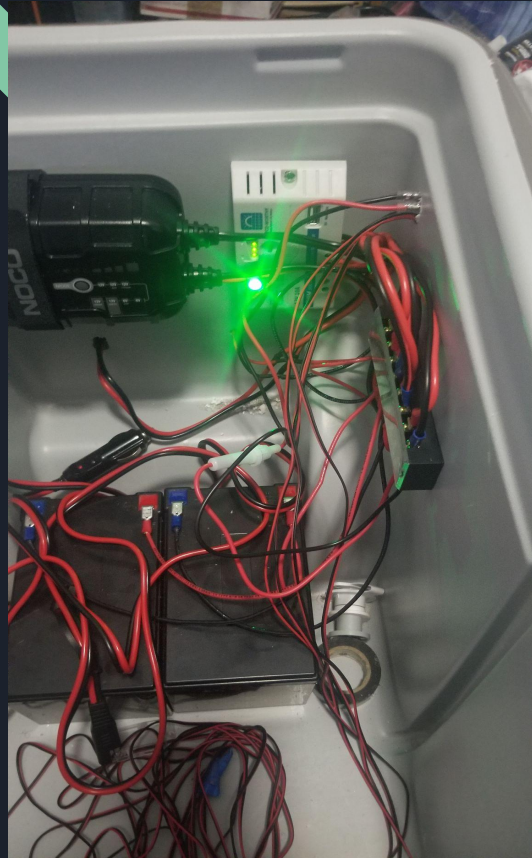
Batteries connected



Charging confirmed both sides, 120V AC & 12V DC Battery Charging



Wired Device Charging





Mobile App Troubleshooting

Xcode update caused issues with Bluetooth of mobile app.

To resolve the issues, the Xcode version needed to be reverted to an older version, which involved going on the developer website and finding Xcode 12.0.

Another issue was that the app was now not deploying to the mobile devices, after research, the issue was solved by restarting the device.

Unfortunately, no progress was made on the app because of this, instead time was spent fixing the report.



Goals for next week

Here are the priorities for next week:

- Wire Solar panel and confirm charging
- Create Wiring diagram for terminal block
- Modify design of app
- Read sensor data to app
- Get GPS position displaying on app