**SmartSolar Charge Controller Instructions**

1. Connect the positive and negative wires for both the battery and solar lines per our diagram, starting with the battery lines.
2. Go to your app store (Google Play for Android, App Store for Apple)
3. Download the free “VictronConnect” app from your phone’s app marketplace.
4. Turn on your phone’s Bluetooth, but don’t pair it with anything. It just needs to be enabled.
5. Open the VictronConnect app and navigate through any setup screens that appear. You will likely have to run a few updates, just let it do it’s thing for a bit.
6. When updates are complete you should be at the “Device list” menu, and it should show “SmartSolar” followed by the device’s serial number, as well as any other Victron Bluetooth-enabled components. Click on the SmartSolar. It will ask for a password, default is “000000” (six zeros). This password can be changed via a pop-up that will usually appear the first time you log in, it can also be changed later but will require physical access to the Orion to do so.
7. Once you’re in the SmartSolar’s menu, hit the gear-shaped icon at the top right and select “Battery”
8. Click the dropdown menu to the right of “Battery Preset”, click “Select Preset”, and select “Lithium Iron Phosphate”.
9. Exit the app to confirm settings and you’re done! If you need to switch the controller off you can do so via the “Charger Enabled” toggle switch in the battery menu or by physically disconnecting the solar input.