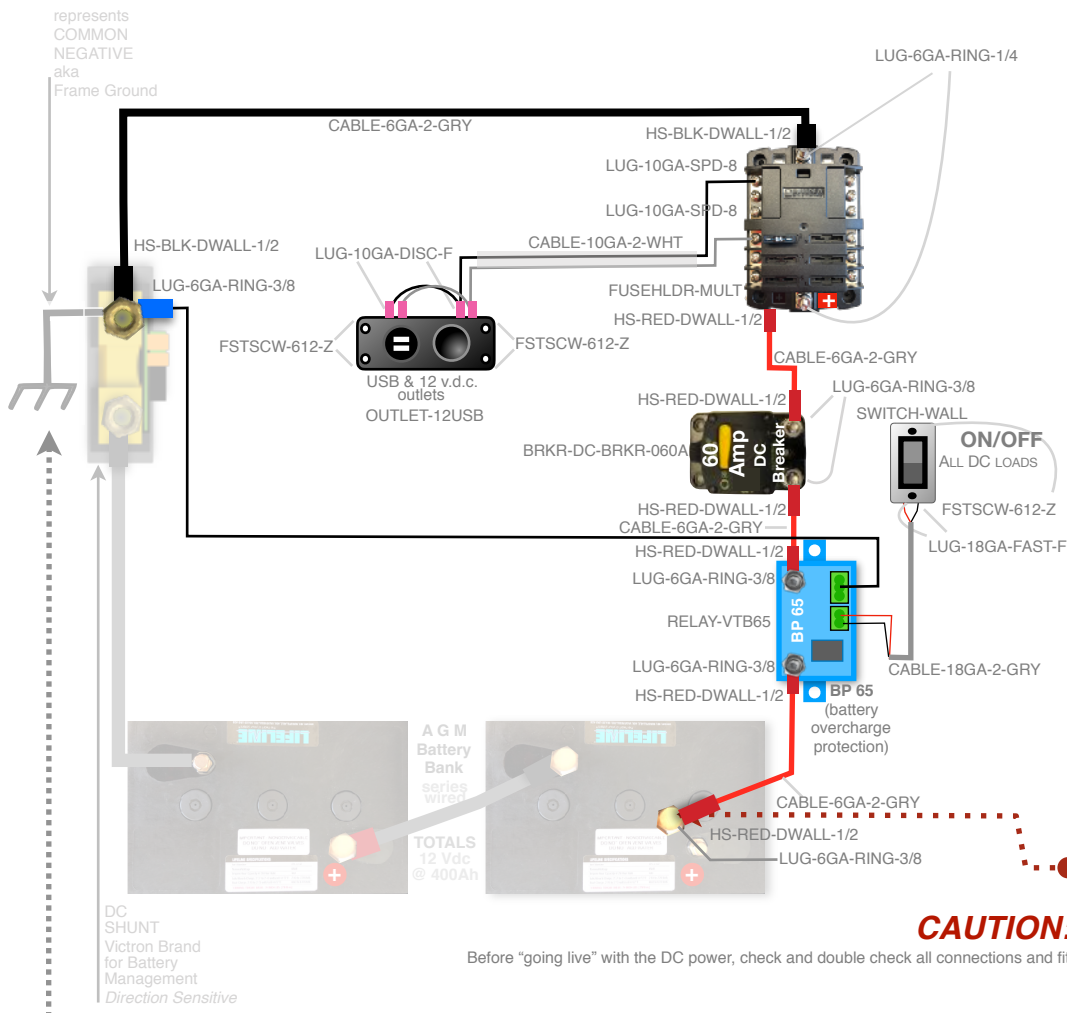




DC Distribution

A Victron Battery Protect 65 (BP65) monitors the voltage of the house battery bank and disconnects the DC fuse block when the battery voltage gets low. This protects the battery bank from being accidentally over-discharged when a load like a light or fan are left on too long. The BP65 can be manually opened with a remote switch which serves as a master disconnect for all DC loads (a convenient feature for safely storing your vehicle for extended periods of time). The BP65 and cable to the six position fuse block are protected by a 60A resettable DC breaker. One DC outlet with dual USB and standard 12V is included. Additional outlets can be connected to the fuse block or wired in parallel to the existing outlet.



CAUTION: Before "going live" with the DC power, check and double check all connections and fittings. Look for looseness, routing issues and polarity (+=-, etc.)

1. **Position the components** so cable routes can be planned. The BP65 should be within about 12" of the shunt.
2. **Install the negative cable** from the load side of the shunt to the negative post of the DC fuse block.
3. **Connect the positive cable** from the positive side of the DC fuse block to the LOAD post of the breaker. Turn the breaker to the OFF position.
4. **Install the outlet** and connect it to the fuse block. A parallel connection between the two sets of outlet posts will have to be made by fitting two sets of cable into a positive and a negative female spade lug.
5. **Install the positive cable** from the breaker LINE post to the OUT post of the BP65.
6. **Connect the black cable** that comes with the BP65 from the load side of the shunt to the three position green terminal block on the BP65.
7. **Connect the switch to the BP65** with the 18ga duplex cable. Polarity doesn't matter.
8. **Install the red cable** between the BP65 IN post and the positive terminal of the most positive battery.
9. **Verify the connections** to make sure that they are correct and tight.
10. **Activate the system** by turning the DC breaker to ON. This would be a good time to skip ahead to the programming section of the manual and program the BP65. If the DC loads do not work, toggle the DC load master switch.