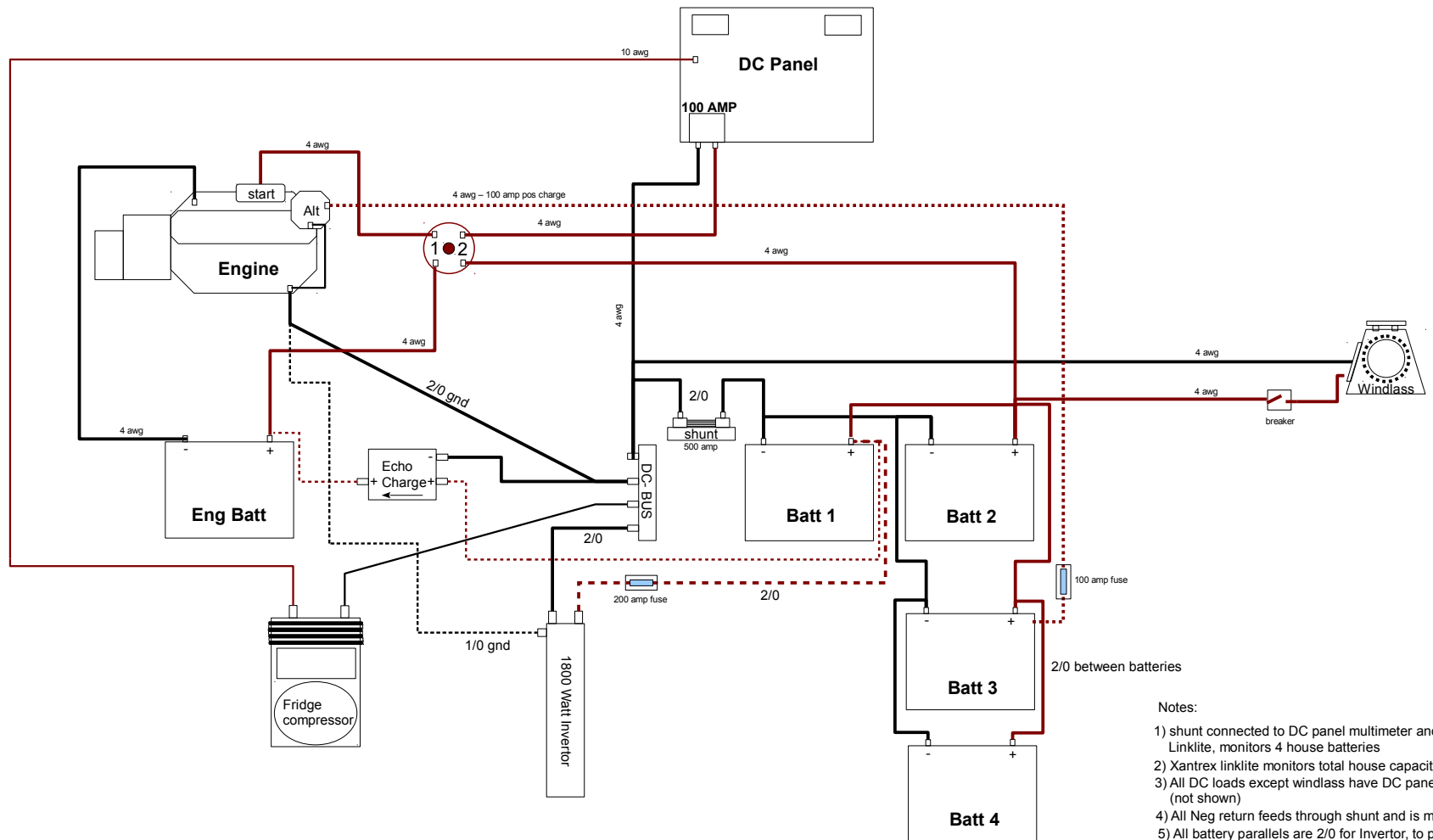


BrightStar DC Electric Diagram

Author: Colin Wyatt
Date: April, 2012
Version: 2.0 Draft

Updates: 1) Added 4th battery under stbd settee
2) Installed 4awg positive wire from alternator to house batteries
3) Installed alternator regulator



Notes:

- 1) shunt connected to DC panel multimeter and Xantrex Linklite, monitors 4 house batteries
- 2) Xantrex linklite monitors total house capacity amp/hrs
- 3) All DC loads except windlass have DC panel breakers (not shown)
- 4) All Neg return feeds through shunt and is measured
- 5) All battery parallels are 2/0 for Inverter, to pull $200A \times 12v = 2400 \text{ Watts}$
- 6) 1/0 gnd from inverter is for AC grounding (AC not shown, routes through Panel)