



The stored battery is to be kept topped up by the ships charging system but is to be prevented from discharging into the load. This is based on a stored battery with down to zero volts being charged from the charger delivering up to 14 volts. The max discharge case is taken as the domestic (and starter) battery being linked to start the engine so BT1 taken to zero volts. The max charge current is 1 Amp. See the spreadsheet for calcs  
 The relay trips in at about 12.5 V and out at about 12.0 V of the domestic battery.

Rev A - relay added to prevent backflow if domestic battery is low

Title		
Aderyn Glas - Stored battery charge system		
Size	Document Number	Rev
A	Battery 001	A
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