



There are three battery banks: Engine, House 1 and House 2. The two battery isolators automatically separate all banks when at low voltage and connect all three when high voltage (charging).

Note: There is one issue to be aware of. After a night at sea when solar is the only source of charge, there is a disagreeable occurrence. On a slightly cloudy day, the solar may never rise above 13.1 V. As you can see, the battery combiners only connect when above 13.2 V. So the solar will be supplying 13.1 V exclusively to the House batteries (as long as both House 1 and 2 battery switches are on). A workaround is to turn all 4 battery switches on, effectively connecting all banks manually.

In the event the Engine battery becomes discharged, simply switch on the Combined switch to supply House power to the starter. Ensure the Engine battery switch is off when doing so.

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