When batteries are connected in parallel

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Students often overlook actively learning the circuit symbols. It is true that you will come to be familiar with most of them as you study the course, but it is really important that as part of your revision, you make sure that you know them all. You need to be able to name them and draw them. And for components such as thermistors, resistors, LDRs, fuses, and diodes, you also need to be able to explain how they work.

A customer asks me to monitor one of his battery banks. There are 12 batteries connected in series and parallel, their operating voltage is 24 VDC, the idea is to place a SmartShunt every two batteries so we would measure 6 battery pairs, but the Cerbo gx only has 3 VE.DIRECT connections, so I would like to know if you can connect two Cerbos gx in series or parallel, or if there is a better way to measure these 6 battery pairs

Hi Bj?rn, I am from Chile and this option is not available here. Even when I ask for Victron solutions, many suppliers don"t know anything about these solutions. I will also have a look for Daly brand that you mentioned and I would like to know if you can recommend any Daly brand products.

Battery management Lithium BMS BMS Battery Management System Lithium ion battery management LiFePO4 BMS Li-ion BMS Battery Storage Second Life storage Battery ESS Energy Storage System Cumulus Watchmon

For a battery balancer like the active Neey balancer you do not need an USB port.Whereas a battery management system (BMS) usually communicates via CAN bus with the GX device.Some BMS have a balance build in others not.

What are the devices roles?BMS:protect the battery by telling the GX the SOC, as well if charging and discharging is allowed as well as the limits (amps, volts). If needed disconnect batteries (protect).

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