

# DC to DC Charger Issue

Thursday, October 5, 2023 4:23 PM

## Overview of installation and system



Step 1) Car battery.  
When OFF Voltage is 12.5V  
When ON Voltage is 14.5



Step 2) Blue Sea 60 amp breaker in engine compartment  
Battery line runs to here. From here into RV

Step 3) Confirm voltage is coming into DC Charger



Step 4: Output from charger goes to another 60 Amp Blue Sea breaker

From DC To DC Output  
To Positive Bus



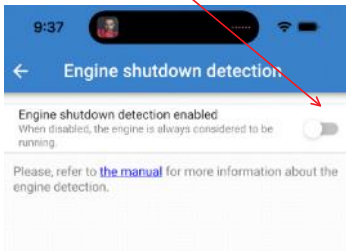
Broader view of system (Two lithium banks, each 200 amp hours. Smart Shunts etc.)  
DC to DC breaker in last image



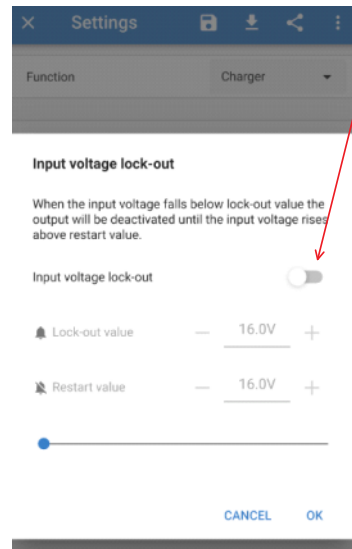
Even broader view including Bank 1, 200 lithium amp hours (total 400 with both banks)



Victron Engine Shutdown disabled



This is what I get, it won't allow settings below 16V. ??? So I disabled it.



Final Result that I cannot get around:



