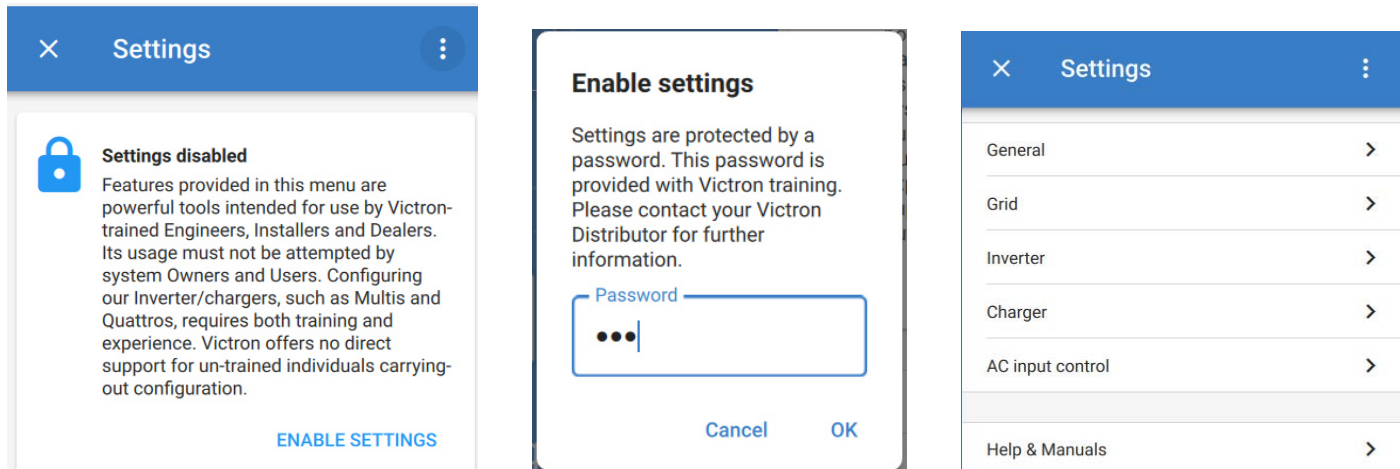
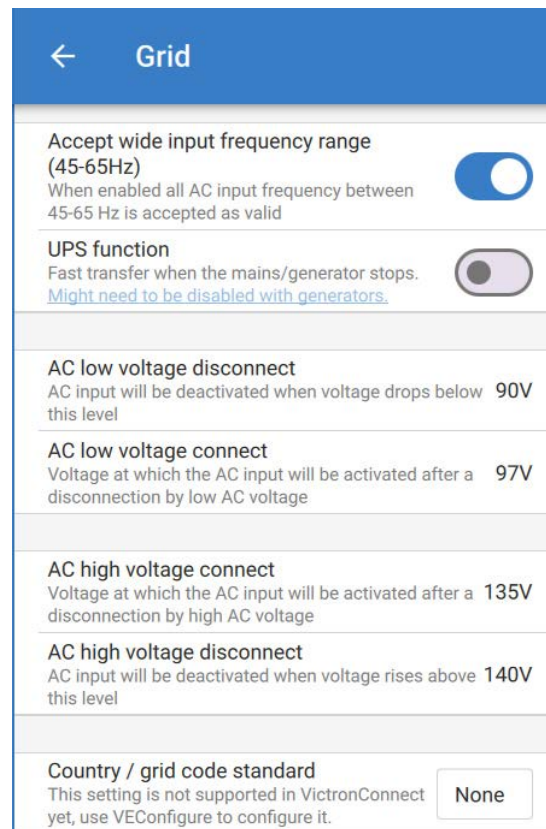
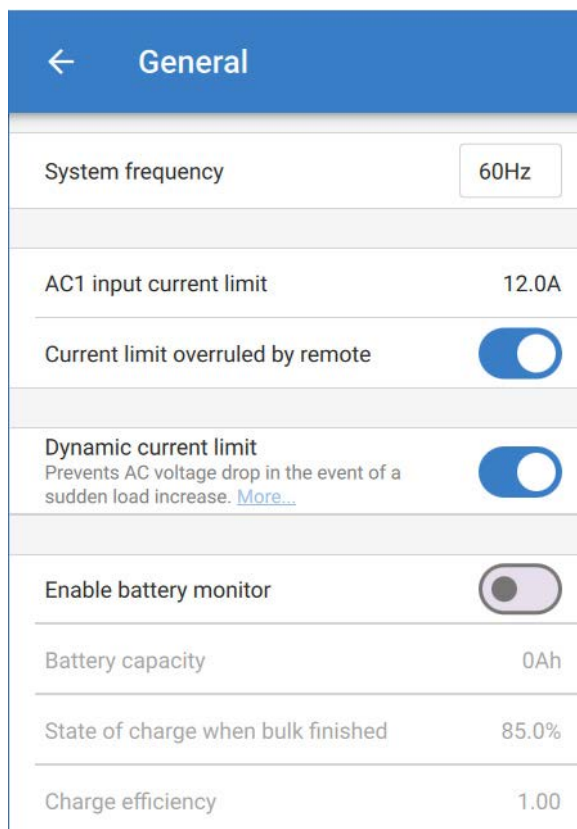


Once you have connected the MK3, and started Victron Connect, select your inverter. You will then click the gear icon in the upper right corner. Then you will see Settings. Click Enable settings, and then type in the password **ZZZ**



Below are the selections I have made for each menu:



For step by step instructions please see the video on the Frugal Factor Youtube channel or at

<https://thefrugalfactor.com/13-electrical/>

Proper settings are determined by your application and equipment.

For the MK3: <https://amzn.to/4eGfQtB>

For the Victron Inverter: <https://amzn.to/47u6UFI> Victron MultiPlus-II 2X, 50A <https://amzn.to/47pS02K>

Link to Victron Connect: <https://www.victronenergy.com/panel-systems-remote-monitoring/victronconnect>

Note: Be sure to check all settings with your batteries manufacturer or specifications sheet.

SOK battery information - <https://www.us.sokbattery.com/?ref=FrugalFactor>

For more information visit: <https://thefrugalfactor.com/13-electrical/>

Inverter

Inverter output voltage 120V

Ground relay [More info...](#)

DC input low-shutdown
Inverter will switch off when the DC voltage drops below this level 11.00V

DC input low restart
Voltage at which the inverter will restart after a shutdown by low DC voltage 13.00V

DC input low pre-alarm
Level at which the low battery pre-alarm indication starts 12.00V

Low SOC shut-down Disabled

AES
Saves battery energy when there is no (or very low) load connected to the inverter. [More...](#)

Start AES when load lower than 25W

Stop AES when load higher than 40W

AES type

Inverter

DC input low pre-alarm
Level at which the low battery pre-alarm indication starts 12.00V

Low SOC shut-down Disabled

AES
Saves battery energy when there is no (or very low) load connected to the inverter. [More...](#)

Start AES when load lower than 25W

Stop AES when load higher than 40W

AES type [AES types description.](#)

PowerAssist
If the load exceeds the AC-input current limit, use the inverter to assist. [More...](#)

Assist current boost factor
Factor applied to AC input current limit when needed 2.0
assist current is unknown. [More...](#)

Charger

Repeated absorption time 1.00h

Absorption time 2h

Charge curve [Charge curves description.](#)

Lithium batteries
[Click here to know the effect of enabling or disabling Lithium battery mode](#)

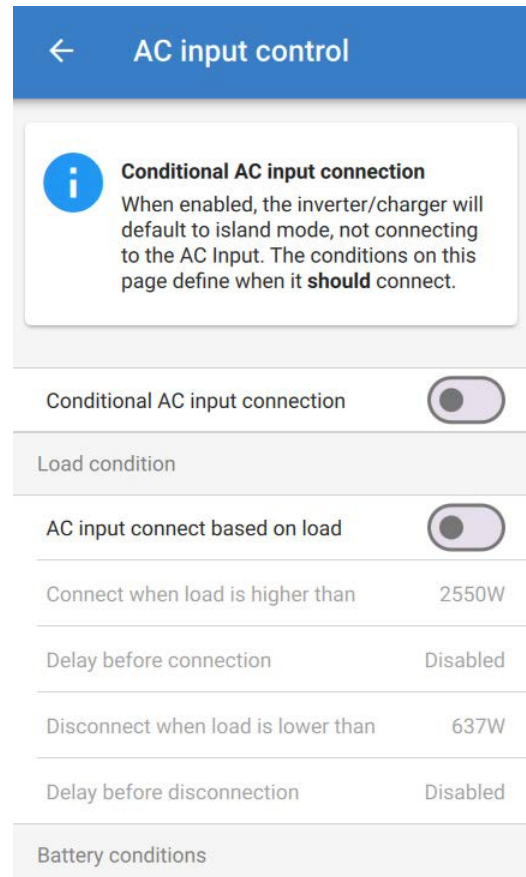
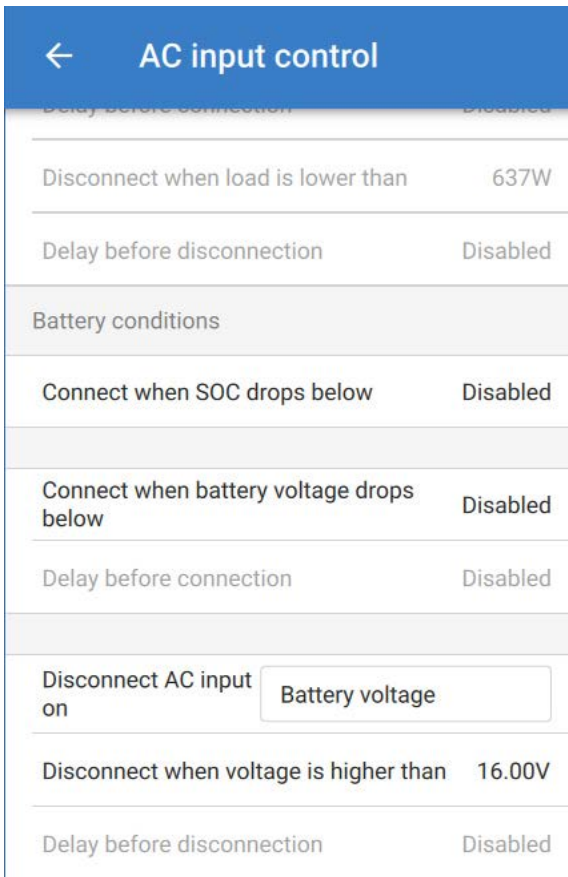
Storage mode
When is fully charged keeps the battery at reduced constant voltage to limit gassing and corrosion.

Use equalization
Traction batteries require regular additional charging. [Read more...](#)

Weak AC input
Should be checked in cases where problems during charge arise. [Read more...](#)

Stop after excessive bulk
Safety setting. [Read more...](#)

For more information visit: <https://thefrugalfactor.com/13-electrical/>



For more information visit the website: <https://thefrugalfactor.com/>

Notes: This document contains affiliate links. Proper settings are determined by your application and equipment. These are the setting we have used for our van build. If you have different batteries, and equipment your settings may be different. Please view the video to better understand each setting.