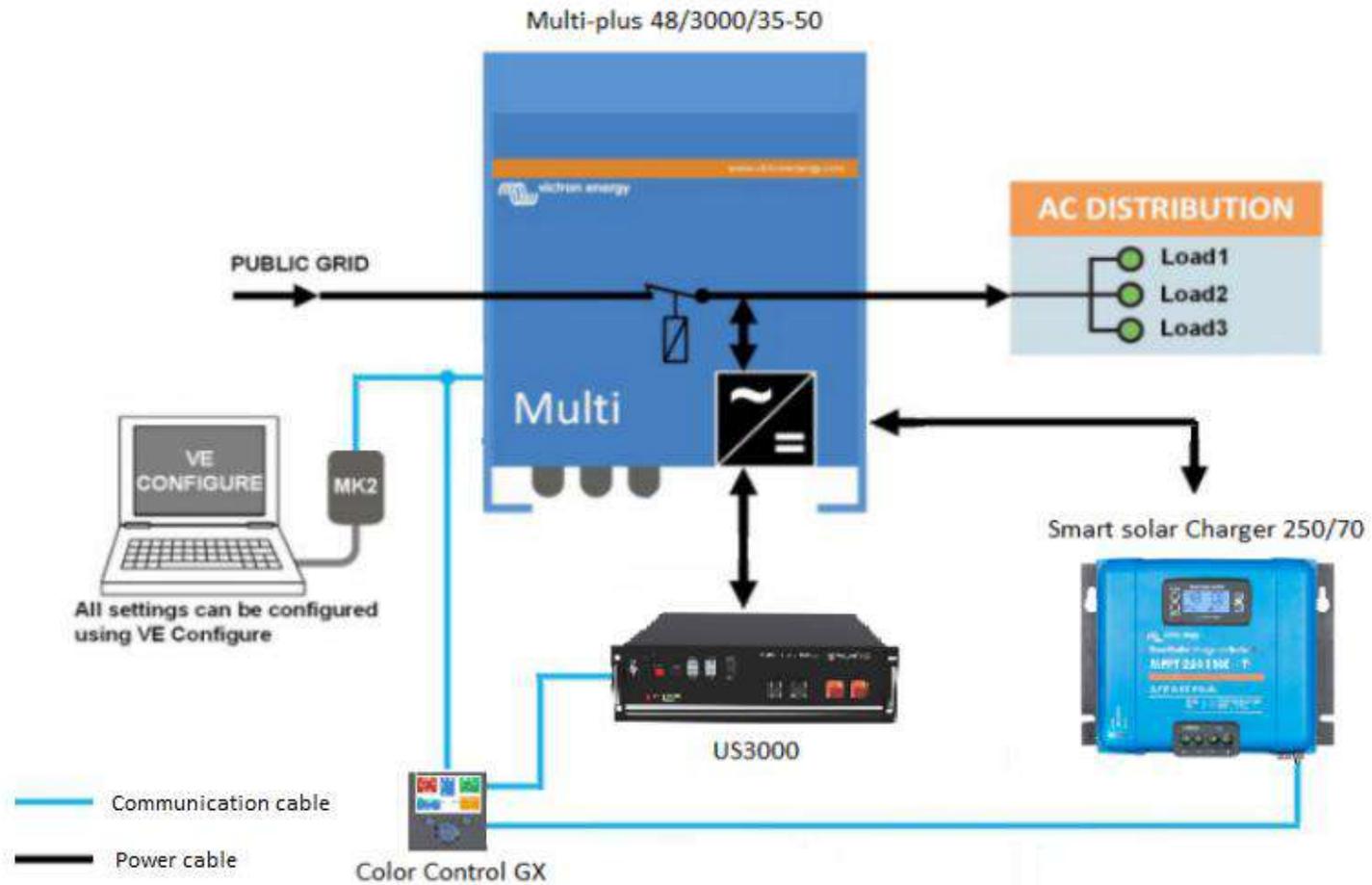
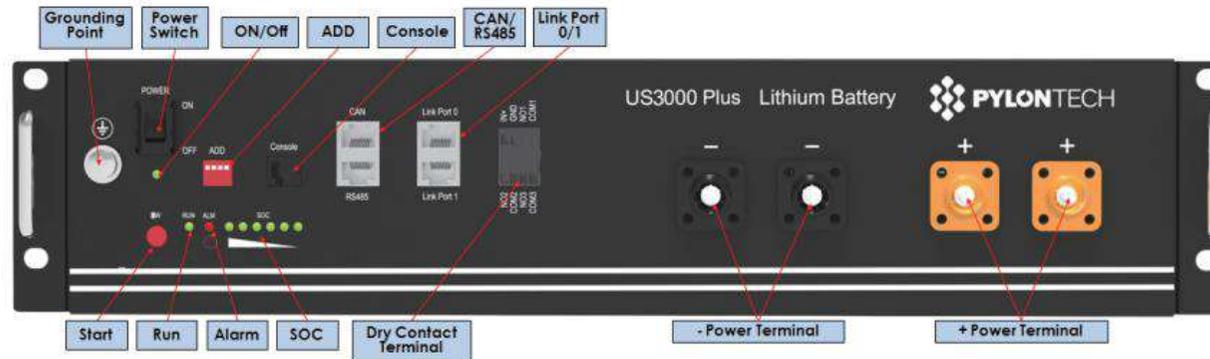


1 . Operating Sample



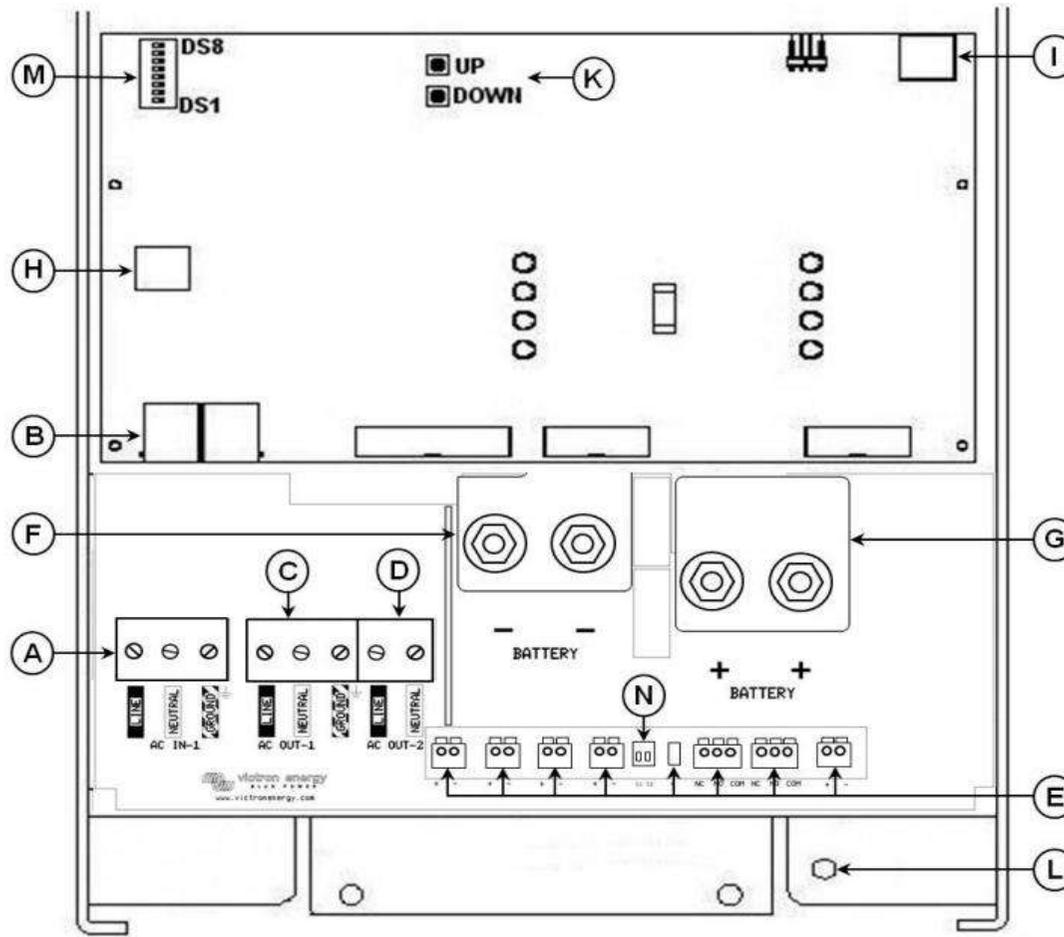
2 . US3000 Plus Product Front Interface



3. MPPT Product Front Interface



4 . The battery and power supply connection on the main part of the inverter



A : AC input: Left to right: L (phase), N (neutral), PE (earth/ground).

B : 2x RJ45 connector for remote control.(CCGX)

C :Load connection. AC out1. Left to right: L (phase), N (neutral), PE (earth/ground).

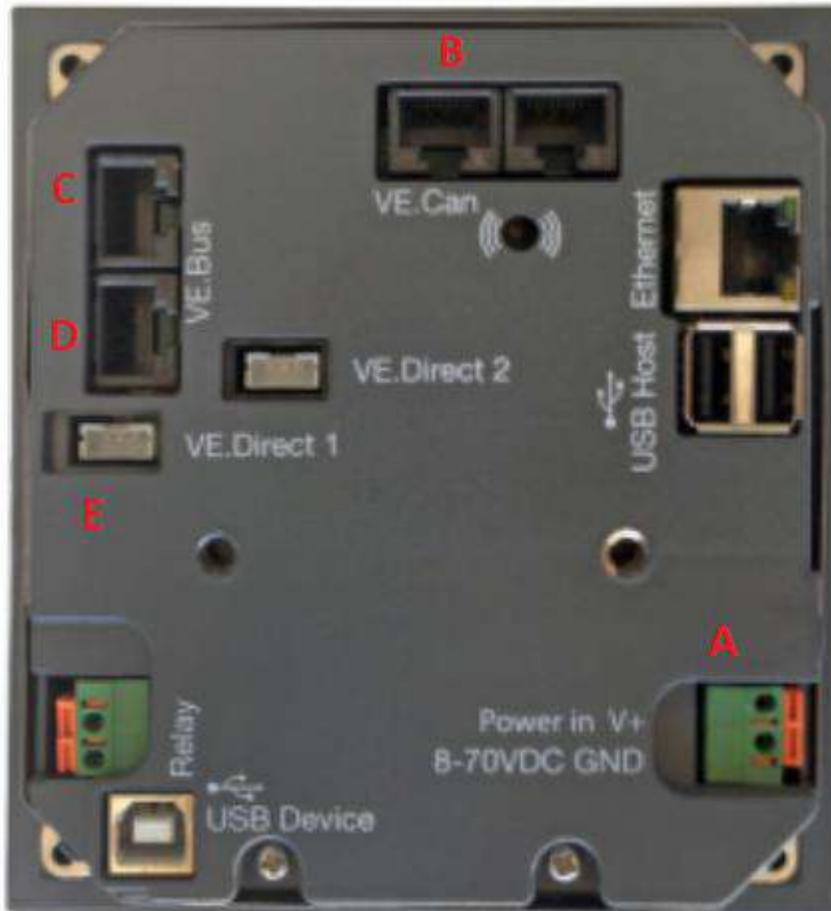
D :Load connection. AC out2.Left to right: PE,L,N.

E : Left to right
 Temperature sensor
 Aux input 1
 Aux input 2
 Starter battery plus +
 Programmable relay contacts K1
 Programmable relay contacts K2
 Voltage sense

F :Double M8 battery minus connection.

G :Double M8 battery positive connection.

5 . The Connection of Color Control GX



A : To battery, Red (+), Black (-).

B : To battery RJ45 port

C : To MK2 RJ45 port

D : To Inverter RJ45 port

E : To MMPT VE Direct port

6 . The Connection of MMPT



A : To Battery, Red (+), Black (-).

B : To PV, Red (+), Black (-).

C : To CCGX VE.Direct port

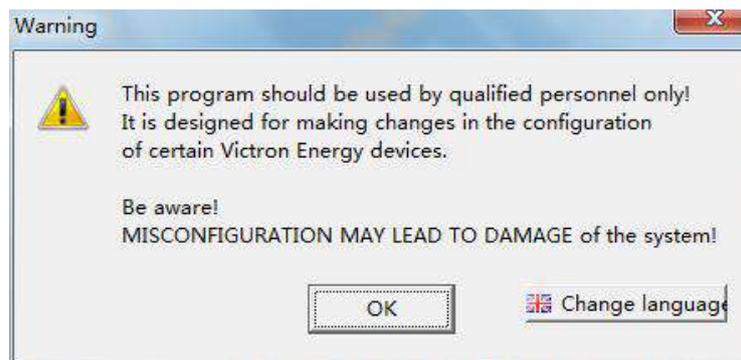


7 . Parameter settings in VE Config

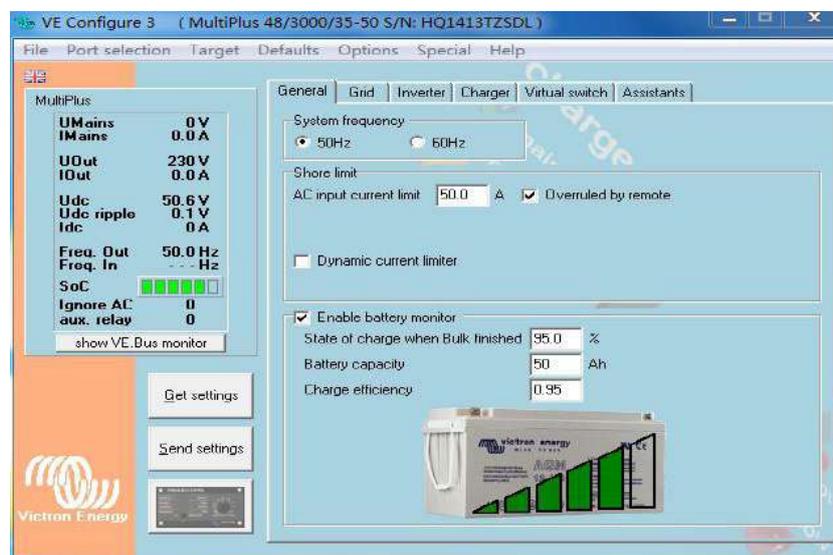
7.1 Use MK2 to connect inverter and PC



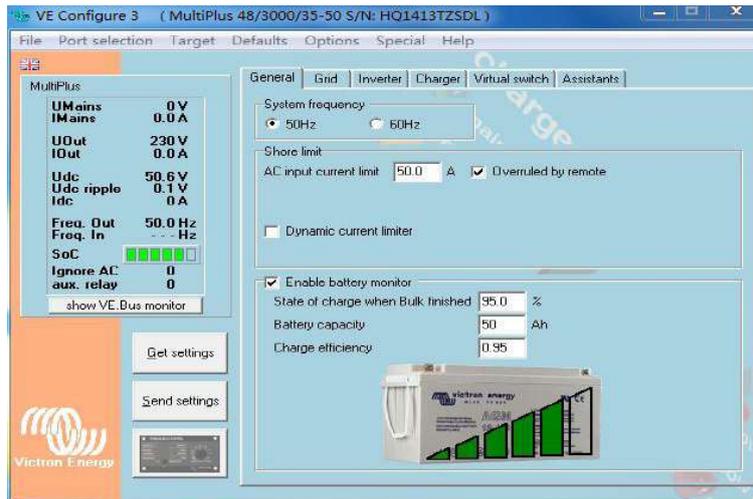
7.2 Open VE Config and click “OK” button



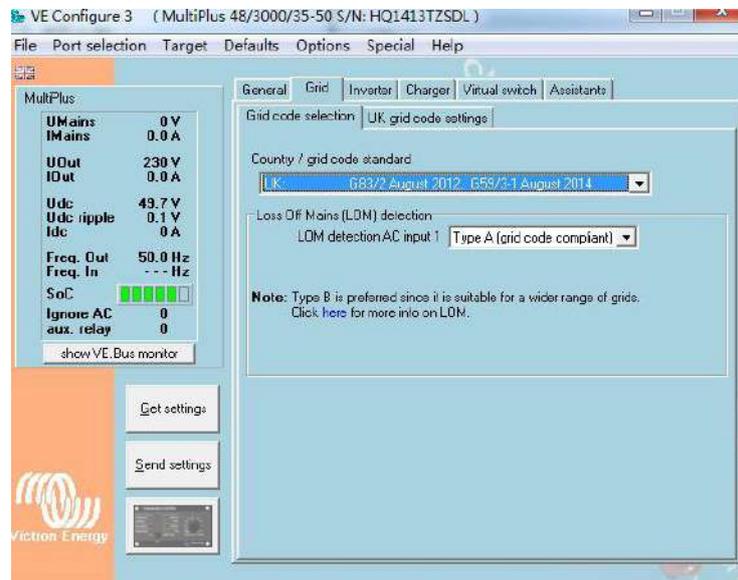
7.3 Select the option Com Port in “Port selection”, select the serial Port of the device connection in it, and the software will start reading the bar .



7.4 After reading the bar, set the “General” parameters as follows



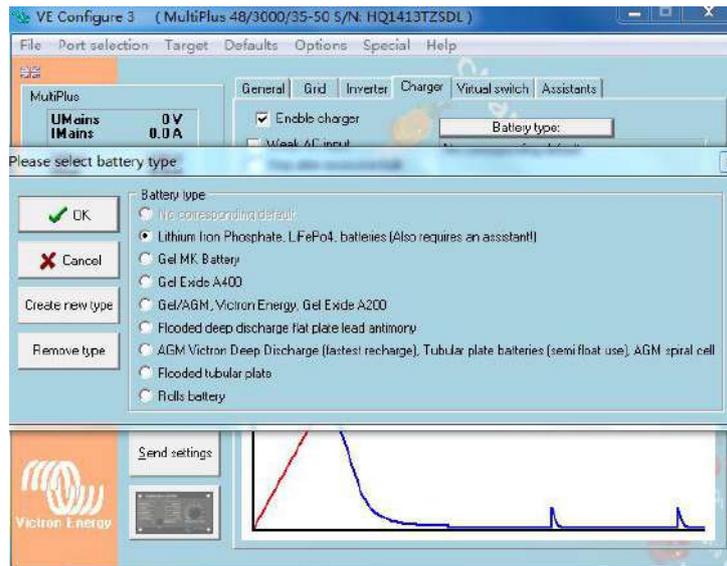
7.5 Click “Grid” to set National standards



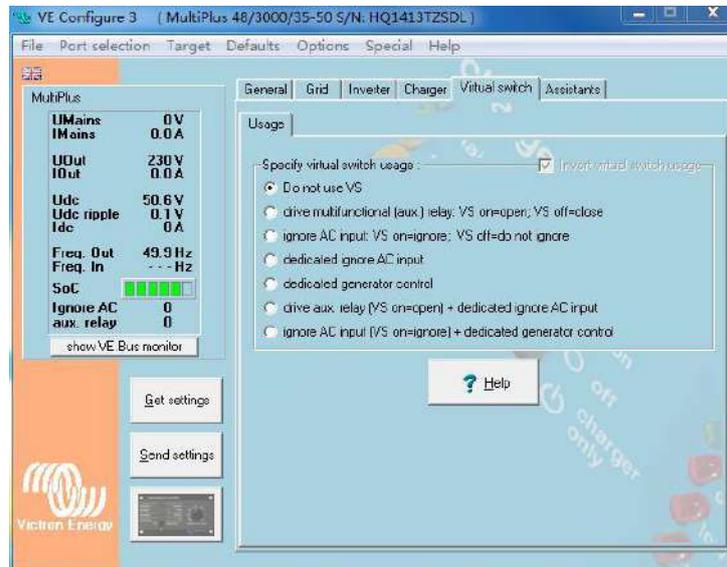
7.6 Click “Inverter” to set output voltage level



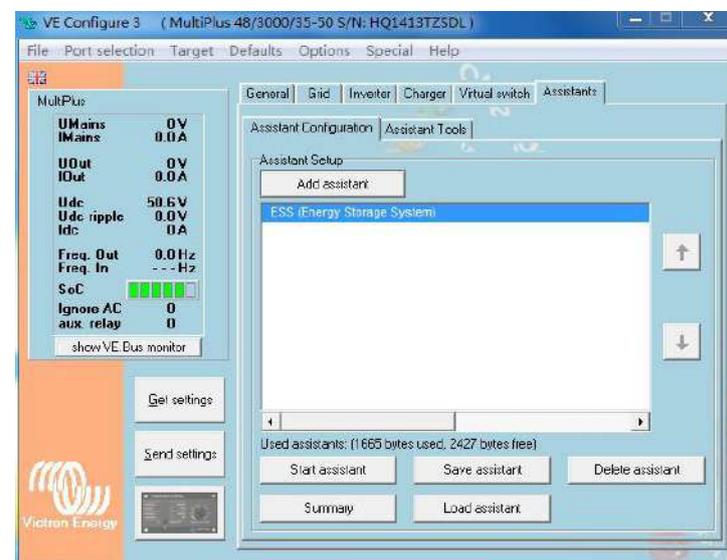
7.7 Click “Charge” to set Battery type



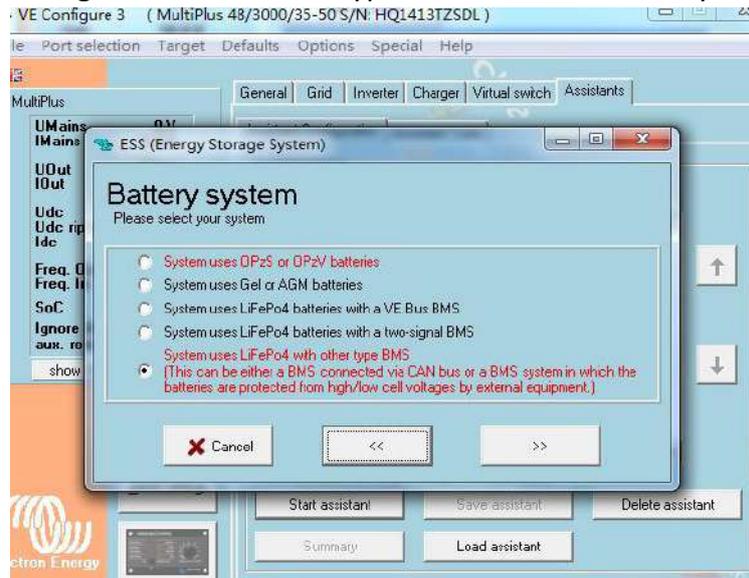
7.8 “Virtual switch” setting



7.9 Click “Assistant” button, then load ESS, Click the “start assistant”



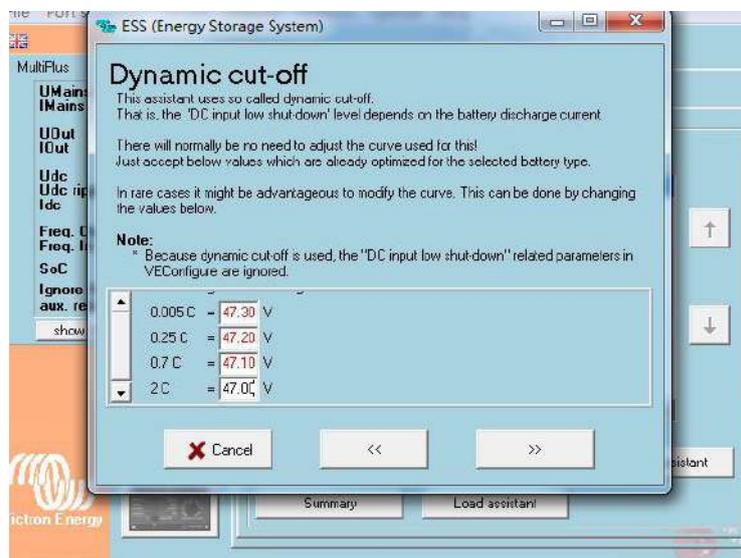
7.10 The ESS setting and communicate type with the PYLON battery is as follows



7.11 Set the total capacity number (AH) of external batteries



7.12 Set Dynamic cut-off voltage



7.13 Choose battery type



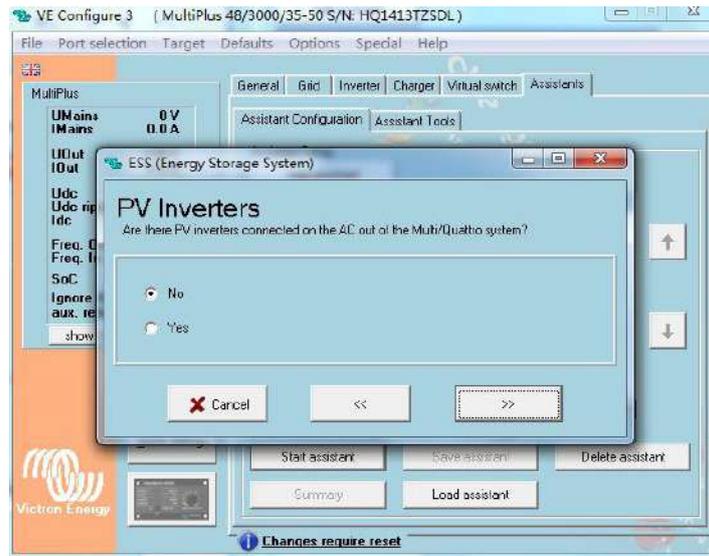
7.14 Set Sustain voltage by default to 50



7.15 Restart offset default is 1.2, can be modified



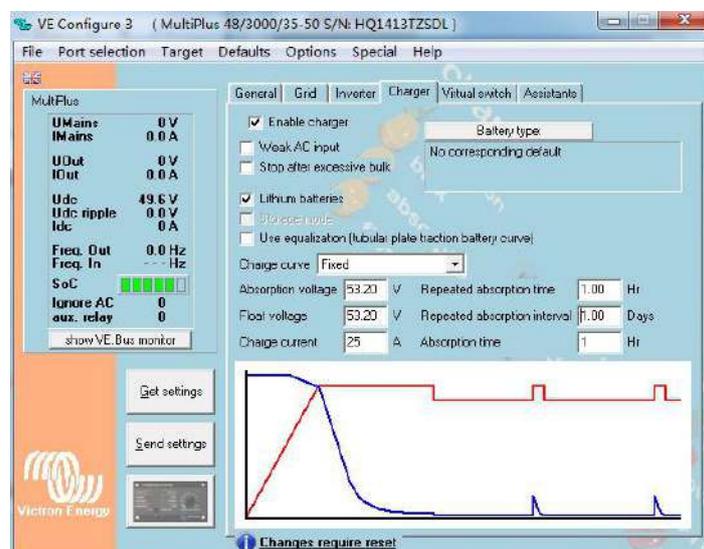
7.16 Choose PV inverters according to the actual situation



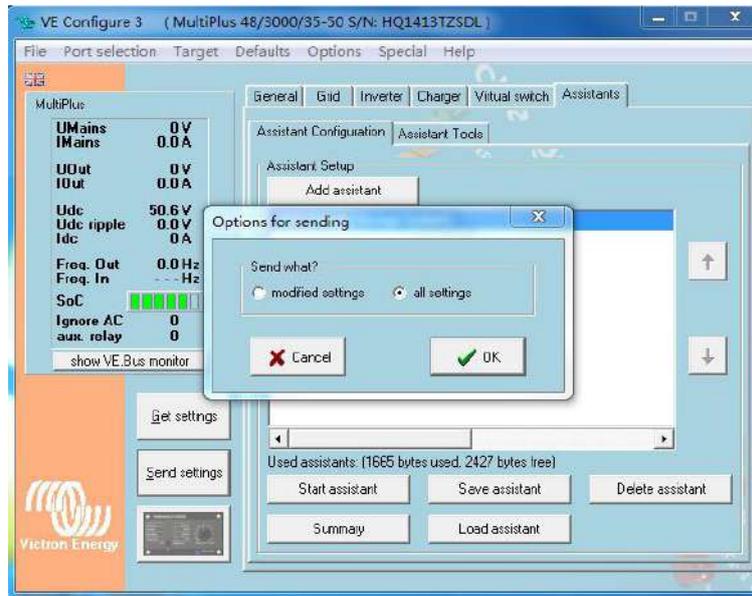
7.17 Complete setting , click “OK” button



7.18 Back to “Charge” page to set battery charge voltage



7.19 Send the set parameters to CCGX. Restart CCGX after completion.



8 . Parameter settings in MPPT

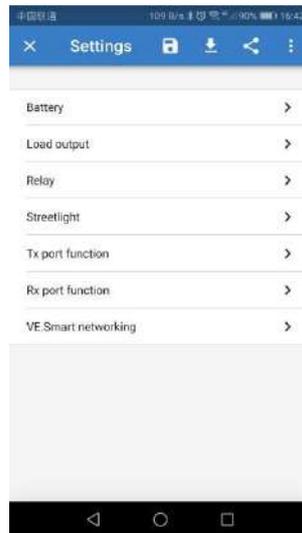
8.1 Open “Victron Connect” APP ,the device will be displayed in the APP after matching the bluetooth



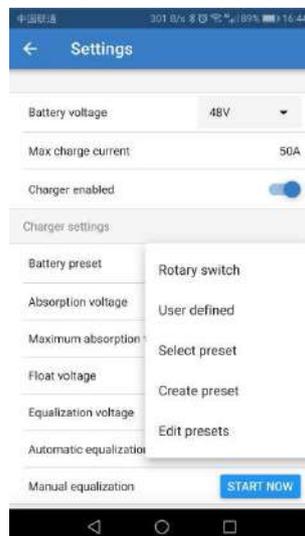
8.2 Click the device picture box to enter the status home page



8.3 Click the setting icon in the upper right corner to enter the parameter setting page. The setting options are as follows



8.4 Click the “Battery”. The parameters are set as follows



8.5 Click the “Users defined” button to modify the preset parameters

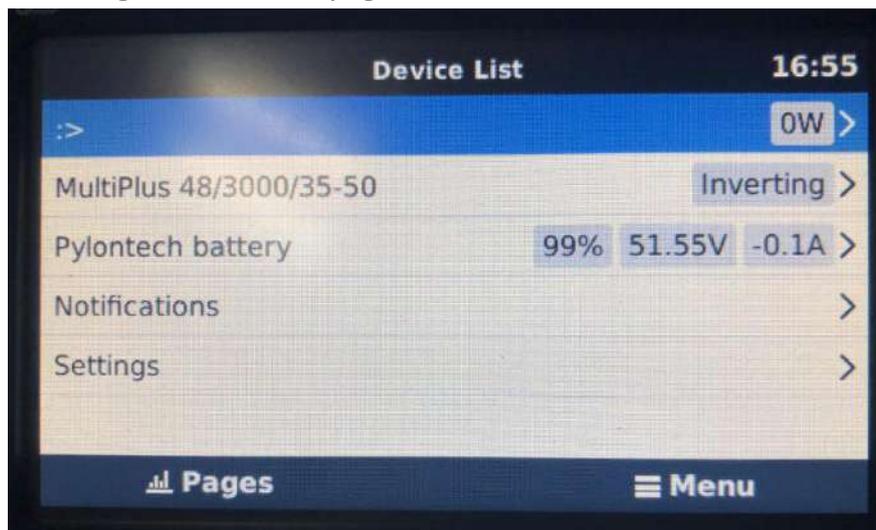


8.6 Back to the Settings page and click “load output” to modify the operation mode

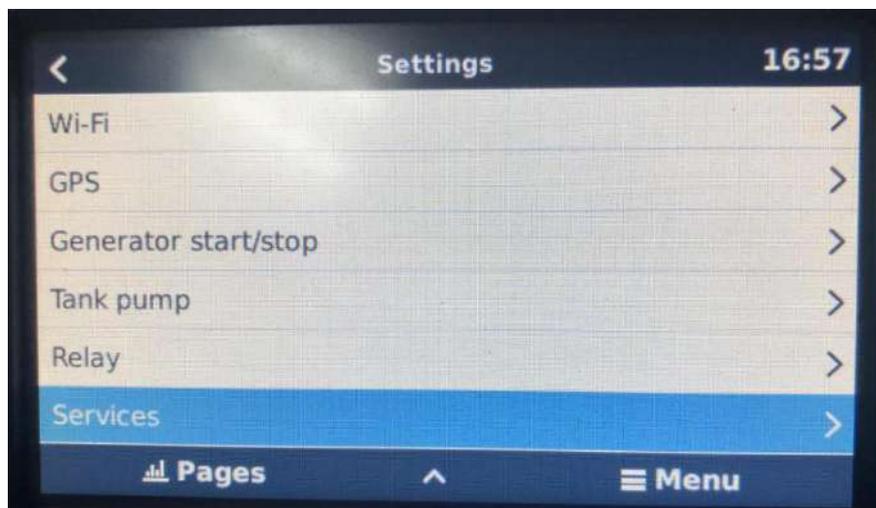


9 . Parameter settings in CCGX

9.1 Select “Settings” on the main page



9.2 Select the “service” in Settings



9.3 Service settings as follows

