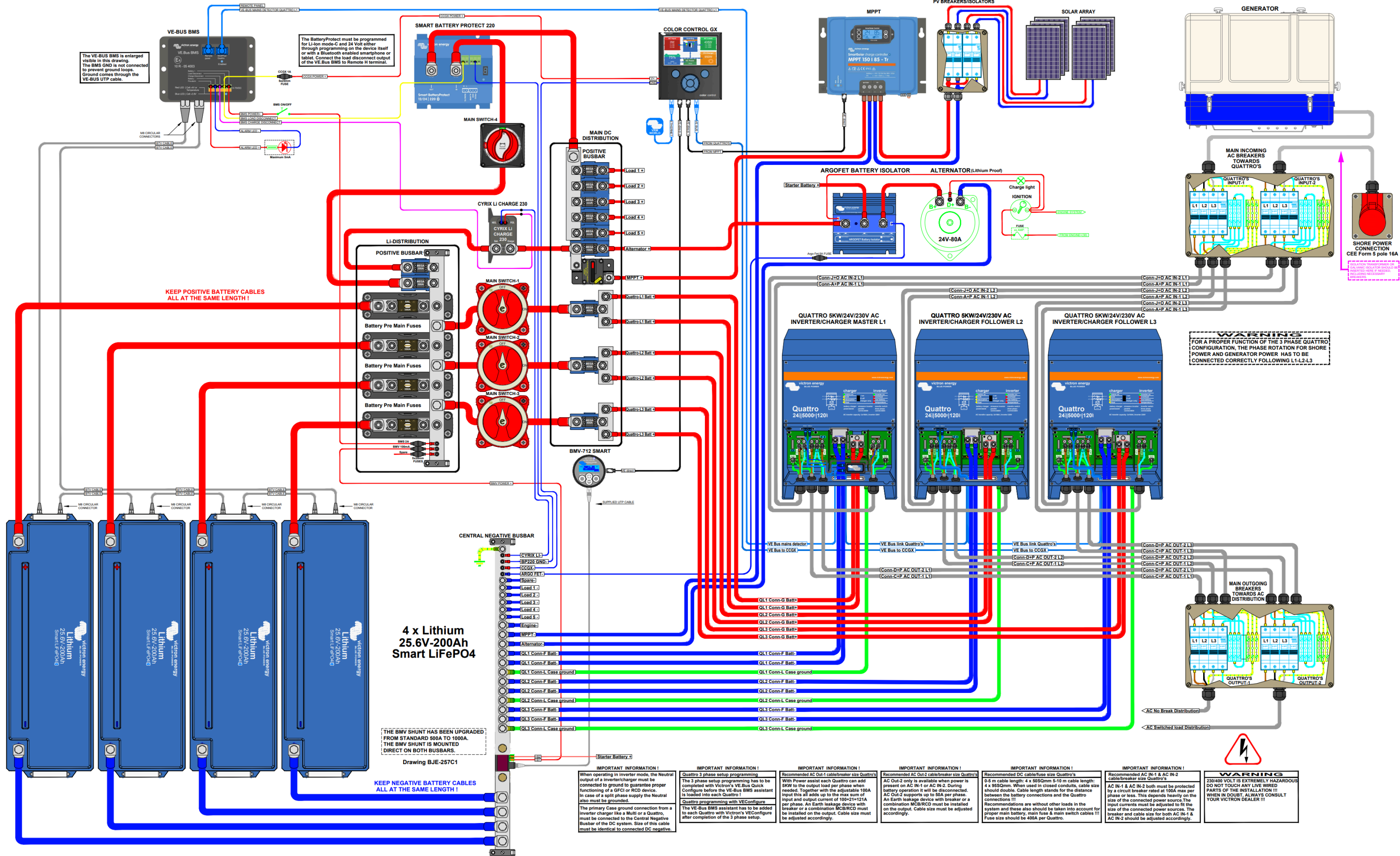


3 Phase VE Bus BMS system 4 pin with 3xQuattro and 4x200Ah 24V Li



3 Phase VE Bus BMS system 5 pin with 3xQuattro and 4x200Ah 24V Li

Self Consumption Hub 1 'System' Component Layout

Legend

UTP/RJ45 Cable for VE.Bus Connections

UTP/RJ45 Cable for VE.Can Connections

Optional Components and features

Com Port for UTP cable

VE.Can Terminator

Option: Parallel MPPTs

NOTE:

- VE.Can Terminator to be placed in open port

Optional Display and Remote Monitoring

The Color Control(CCGX) is connected to the following products in this Hub 1 System:

- VE.Can to Hub 1 VE.Bus to VE.Can Interface
- VE.Direct to BMV-700

Bluesolar MPPT 150/70

Voltage Sensing:
1mm two core Cable
From MPPT directly onto Battery Pos & Neg terminals
(in Parallel systems only connect to one MPPT)

Example 48V Battery Bank

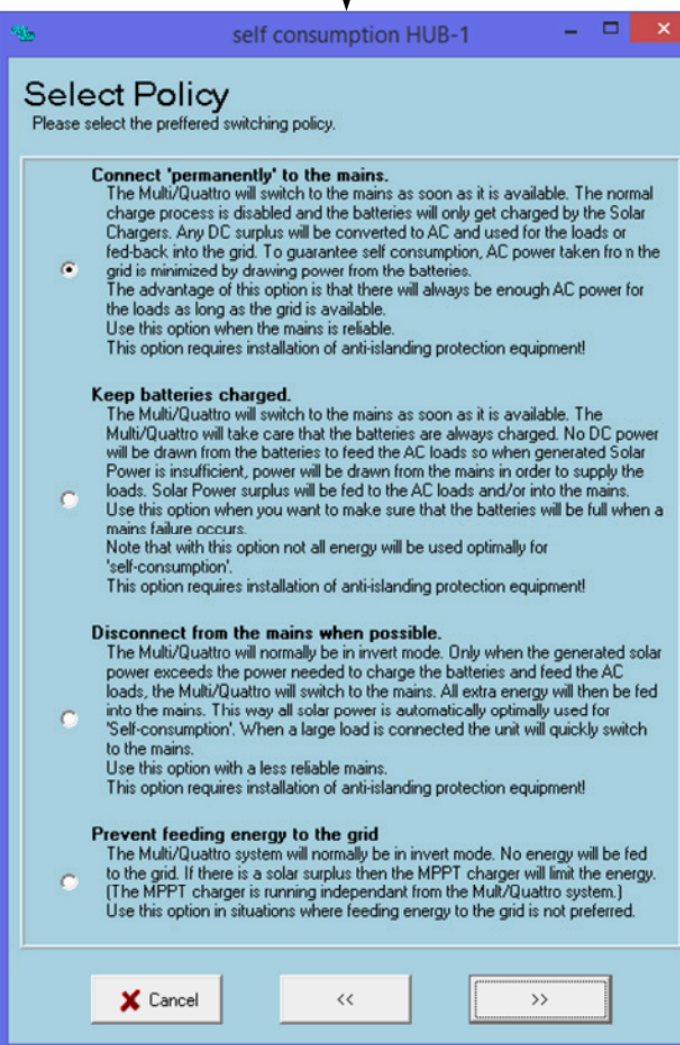


BMV-700
Battery Monitor

Optional

VE.Direct Cable To CCGX VE.Direct Port

VEConfigure 3 – Software Program Assistant Set up Page for Self Consumption Hub1 -“Switching Policy” Determines how the ‘system’ will interact with the grid.



Voltage Sensing:
1mm two core Cable
From Multiplus/Quattro directly onto Battery Pos & Neg terminals
(in Parallel systems only connect to the master)

Do not connect the Inverter/charger directly to the VE.Bus port on the CCGX. It is already connected through VE.Can

Optional Load shedding Available on AC Out 2 Set points in Assistant

When Programing the Inverter/charger using MK2.2USB disconnect this Interface cable

VE.Bus to VE.Can Interface (P/N ASS030520105)

VE.Bus to VE.Can Interface V1.18

VE.Can Connect

UTP/RJ45 Cable

RJ12 Cable supplied

Double Pole Isolators

To PV Array Combiner box

To PV Array Combiner box

Double Pole Isolators

To PV Array Combiner box

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Phoenix inverter and BMV700

