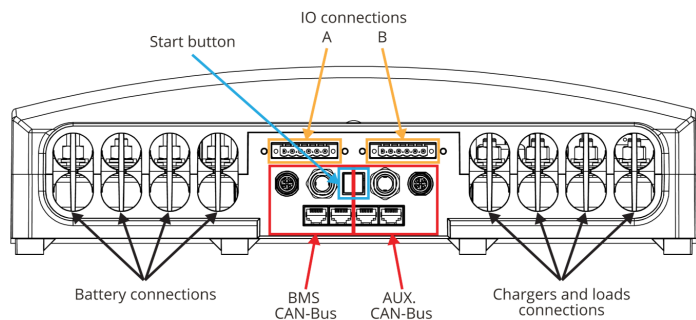
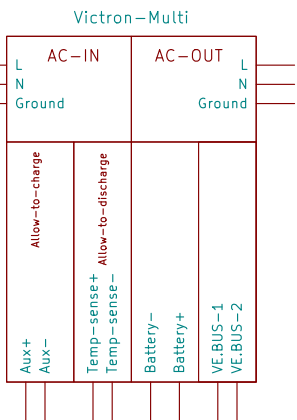
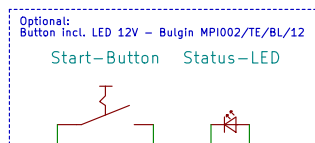
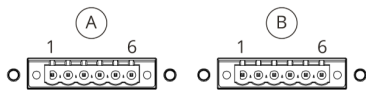




Shore power AC 230VAC/50Hz



Master LV IO connections:



Connector pins and specifications					
Conn.	Pin	I/O	Voltage	Current	Purpose
A	1	Out	13,5 V	1 A	Aux. power output
	2	Out	13,5 V	1 A	Allow-to-Charge
	3	Out	13,5 V	1 A	Allow-to-Discharge
	4	In			External start button
	5	Out	13,5 V	140 mA	External status output
	6	-			GND
B	1	Out	Max. 60 VDC	1 A @ 60 VDC	Allow-to-charge
	2	Out	Max. 60 VDC	1 A @ 60 VDC	Allow-to-discharge
	3	Out	Max. 60 VDC	1 A @ 60 VDC	Allow-to-discharge
	4	Out	Max. 60 VDC	1 A @ 60 VDC	Allow-to-discharge
	5	Out	Max. 60 VDC	1 A @ 60 VDC	Programmable output
	6	Out	Max. 60 VDC	1 A @ 60 VDC	Programmable output

This schematic is based on the use of DVCC:

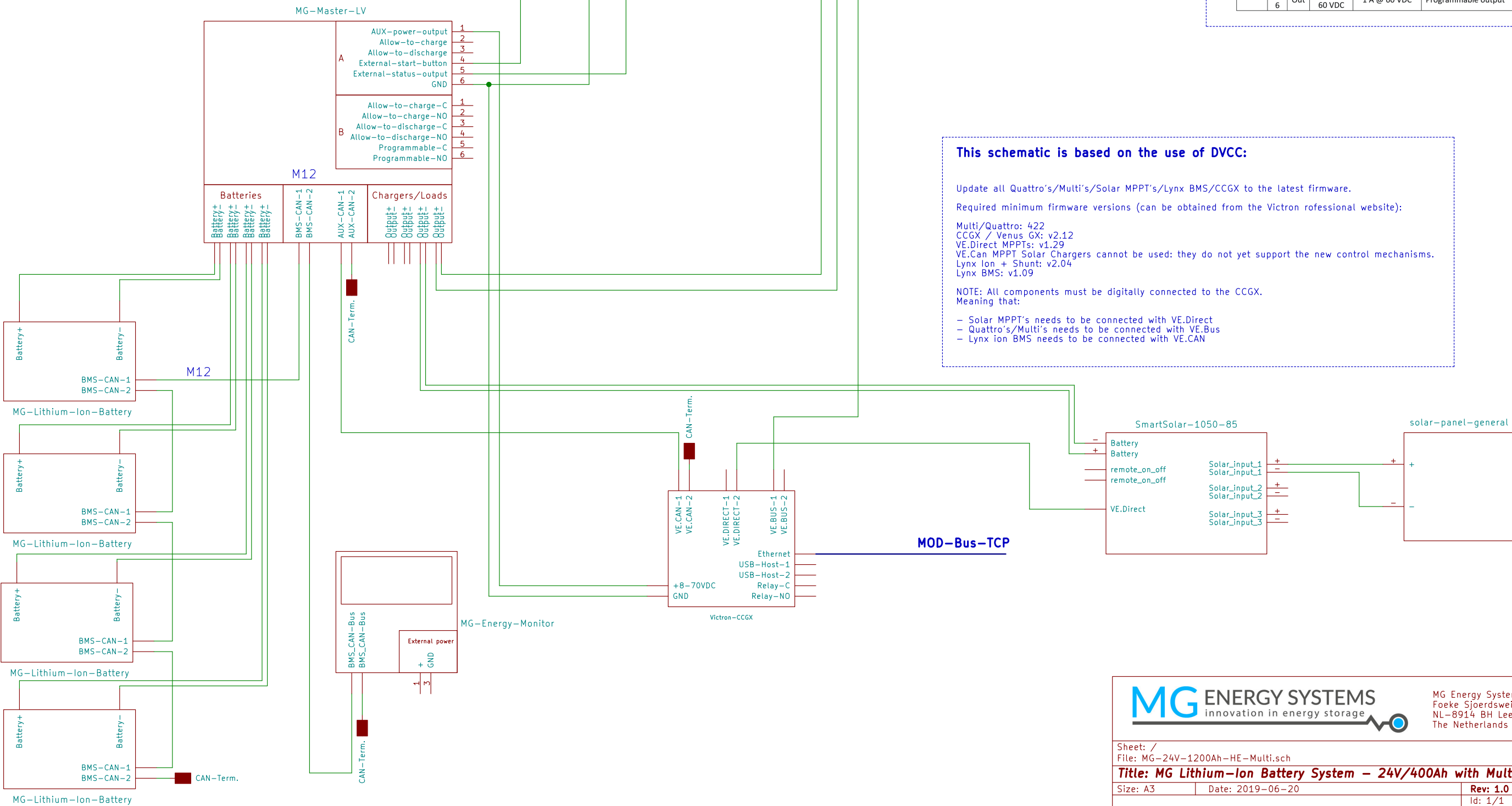
Update all Quattro's/Multi's/Solar MPPT's/Lynx BMS/CCGX to the latest firmware.

Required minimum firmware versions (can be obtained from the Victron rofessional website):

Multi/Quattro: 422
CCGX / Venus GX: v2.12
VE.Direct MPPTs: v1.29
VE.Can MPPT Solar Chargers cannot be used: they do not yet support the new control mechanisms.
Lynx Ion + Shunt: v2.04
Lynx BMS: v1.09

NOTE: All components must be digitally connected to the CCGX.
Meaning that:

- Solar MPPT's needs to be connected with VE.Direct
- Quattro's/Multi's needs to be connected with VE.Bus
- Lynx ion BMS needs to be connected with VE.CAN



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