

Project information	
Company	
Name	
Subname	
Date	
Executed by	

		Requirements / Criteria	Value	OK	NOK	Notes
<b>Battery installation</b>						
Model						
Serialnumbers						
Firmware version		Latest release				
Clearances	Top	>200mm				
	Right side	>10mm				
	Left side	>10mm				
	Front	>50mm				
	Rear	>50mm				
Ventilation		To be free				
Location	Separate battery room?		Yes / No			
	Room ventiation present?		Yes / No			
	External heat sources next to the batteries?		Yes / No			
Fixation		To be stable	Fixation type: Bracket / Strap / Other:			
Fire extinguishing system			Type:			
Battery configuration	Series					
	Parallel					
Connection configuration	Parallel groups					
Maximum current possible						
Cable diameter used						
Cable lengths of parallel batteries		Lengths must be even.				

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<b>MG Master LV installation</b>						
Model						
Serialnumber						
Firmware version		Latest release				
Mounting position		Vertical / Horizontal				
System voltage			24V / 48V			
Fuses	Battery		Voltage: Rating:			
	Power output 1		Voltage: Rating:			Connected to:
	Power output 2		Voltage: Rating:			Connected to:
	Power output 3		Voltage: Rating:			Connected to:
	Power output 4		Voltage: Rating:			Connected to:
VE.CAN Device instance						
DC distributors installed						

<b>Cable check: Power</b>						
Check torque	battery poles	Need to be tight. Max. 15Nm				
	Master LV connections	Need to be tight. Max. 15Nm				
Check connectivity	Battery series and parallel	Conforming schematics				
	Chargers/Loads					

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<b>Cable check: Communication</b>						
BMS-CAN check	All batteries connected?		Yes / No			
	Terminators present?		Yes / No			
AUX-CAN check	Used?		Yes / No			
	Connected to CCGX?		Yes / No			
	Interface is working?					
Allow-to-charge		Needed to control chargers	Yes / No			Interfaced to:
Allow-to-discharge		Needed to control loads	Yes / No			Interfaced to:

<b>Start-up</b>						
Measure battery voltage						
Configure parallel and series to a fixed number						
Allow-to-charge		Function properly				
Allow-to-discharge		Function properly				
Reset Tracking values						
Reset Events						
Check date/time of Master						Check start-up event time
Charge batteries to synchronize SOC						

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<b>Charger/Inverter</b>						
Model	Victron Multi 5 kVA					
Serialnumber						
Firmware version		Latest release				
Parallel configuration			Parallel:			Save configuration to PC
	Configured Master/Slave?		Yes / No			
Allow-to-charge	Connected?	Mandatory	Yes / No			AUX.
Allow-to-discharge	Connected?	Mandatory	Yes / No			Temp. Sens
Configure assistants		Lynx Ion BMS				Save assistant to PC

<b>Monitoring devices</b>						
Model	Victron Color Control GX					
Serialnumber						
Firmware version		Latest release				
Check devices	Master LV (Lynx Ion BMS)	Data on display				
	Multi 1	Data on display				
	Multi 2	Data on display				
	Multi 3	Data on display				
	Multi 4	Data on display				