Specs and recommended settings by REVOV

Package Dimensions (mm)				
Type	L	H	W	Weight
25.6V Battery	620	240	530	59 kg
BMS	370	130	530	3 kg
Cables				1 kg

Equipment Excl. Packaging (mm) K9				
Type	L	H	W	Weight
25.6V Battery	489	171	457	56,3 kg
BMS	280	41,6	482	2 kg
Cables				2kg

Electrical Specifications			
		General Settings	
Charge Voltage (V)	Float Charge	54.4	*Dependent on inverter type *Load and temperature dependent *Recommended charging amps 30 – 50A per pack (3 – 6hours depending on DOD of battery)
	Boost/Absorption Charge	55.4	
	Battery Disconnect	50-49.5	
Max Continuous Charge / Discharge current (200Ah)	@25°C ambient	0,5C (100A)	
Max charge/discharge current		0,75C (150A)	
Max. Output power (Wh)		10240/11264	
Recharge time (h)		0,5C*2hr (standard)	
Nominal voltage (V)		51,2	
Capacity (Ah)		200/220	

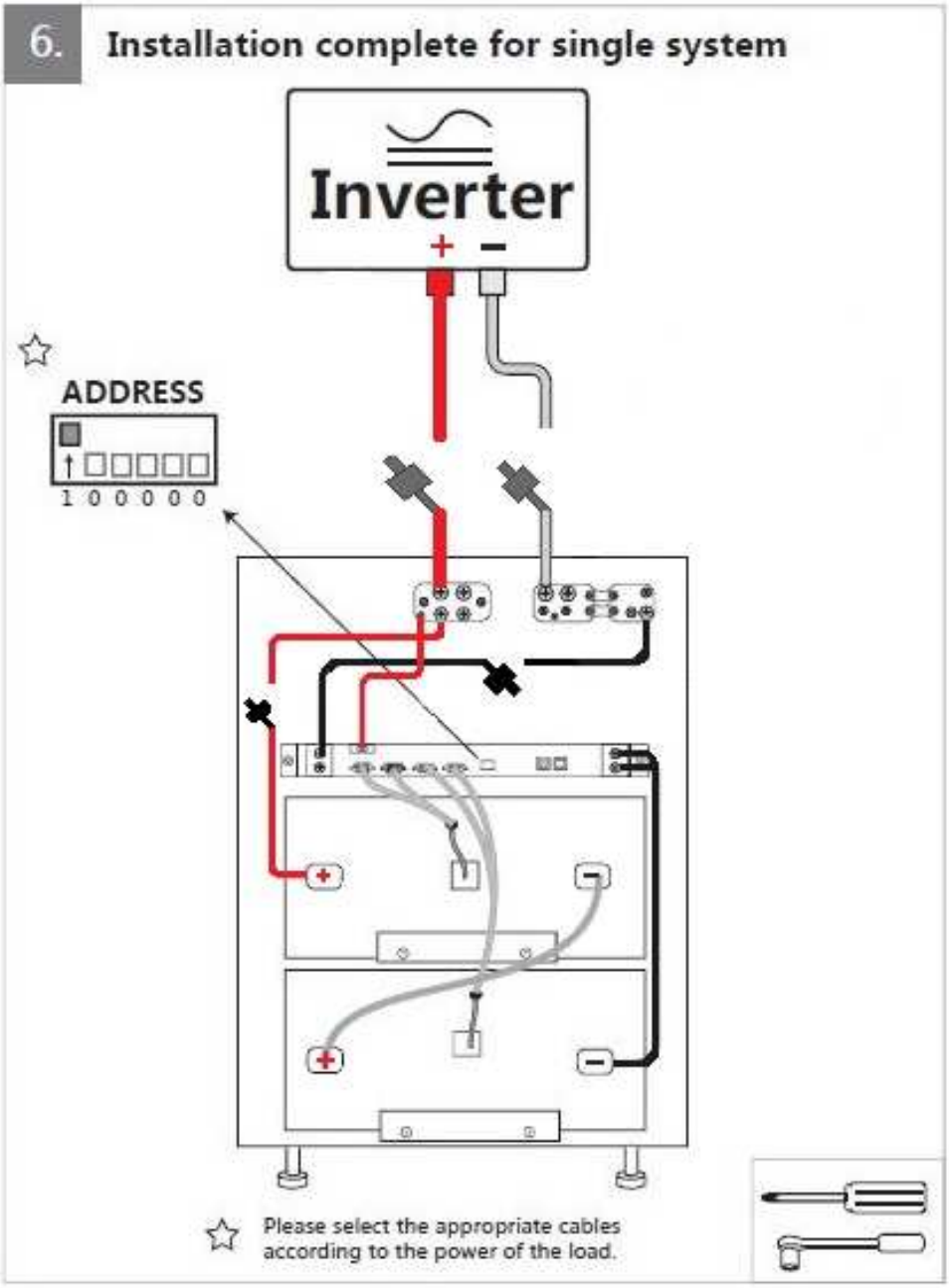
Settings are only a guideline recommended by REVOV and are not a set rule to every inverter as all inverters differ. Inverters are also not calibrated instruments.

The REVOV system has a self-managing Battery Management System. The system still requires the user to input settings onto the inverter.

Please note batteries are sent in pairs as they are paired and balanced from the factory. Please make sure to use paired sets (the serial numbers will be on the box of the battery as well as on the battery itself). Example AF320 (there will be two AF320's) or 36-A & 36B

Our YouTube page: REVOV Energy Storage has installation videos as well which you are welcome to refer to

*Revov Communication Unit (RCU) available for accurate SOC readings on Victron devices, or BMV7xx can be used



- Each battery bank is to be fused on both positive and negative with 125A (Max rated DC) fuse. Preferably inline fuses.
- Each battery bank is to be coupled to a common battery busbar.
- It is strongly recommended that one battery set per 5kVA output inverter is installed, thus two sets with a 10kVA and so on.
- Drawing above is for demonstration purposes only. Adhere to local and national electrical installation guidelines.
- Only qualified personnel to operate and install systems

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Step by step guide to installation of BMS:

Dip switch 1 UP, rest DOWN (on Master BMS) – please refer to dip switch table below for multiple banks + intercommunication between BMS's.

Step 1:

Remove batteries from box and place on safe mounting surface, preferably lockable battery box.

Step 2:

Do positive series connection from one battery to the other battery negative.

Step 3:

Connect open positive through fuse to common positive battery busbar.

Step 4:

Connect open negative to BMS **B –**

Step 5:

Connect **P –** of BMS to through fuse to common negative busbar.

Step 6:

Connect ACB1 through 4 (from left to right)

ACB1 and ACB2 to positive battery going to common positive busbar.

ACB3 and ACB4 to negative battery going to negative going to BMS B –

Step 7:

Connect 2.5mm² positive reference cable from positive battery going to positive common busbar to the green positive input on the BMS.

*Green lights of system should run, if not press reset softly until lights appear. If red light engages on start-up, contact REVOV for assistance.

Dip Switch Guide (Master and slaves)		
System	**Address**	**Example**
1	100000	First jumper up, rest down
2	010000	Second jumper up, rest down
3	110000	First two jumpers up, rest down
4	001000	Third jumper up, rest down
5	101000	First and Third jumper up, rest down
6	011000	Second and Third jumper up, rest down

BMV Settings	
Number	Setting
1	Ah of battery
2	0.3V lower than absorption
3	4%
4	4min
5	1.05
6	0.99

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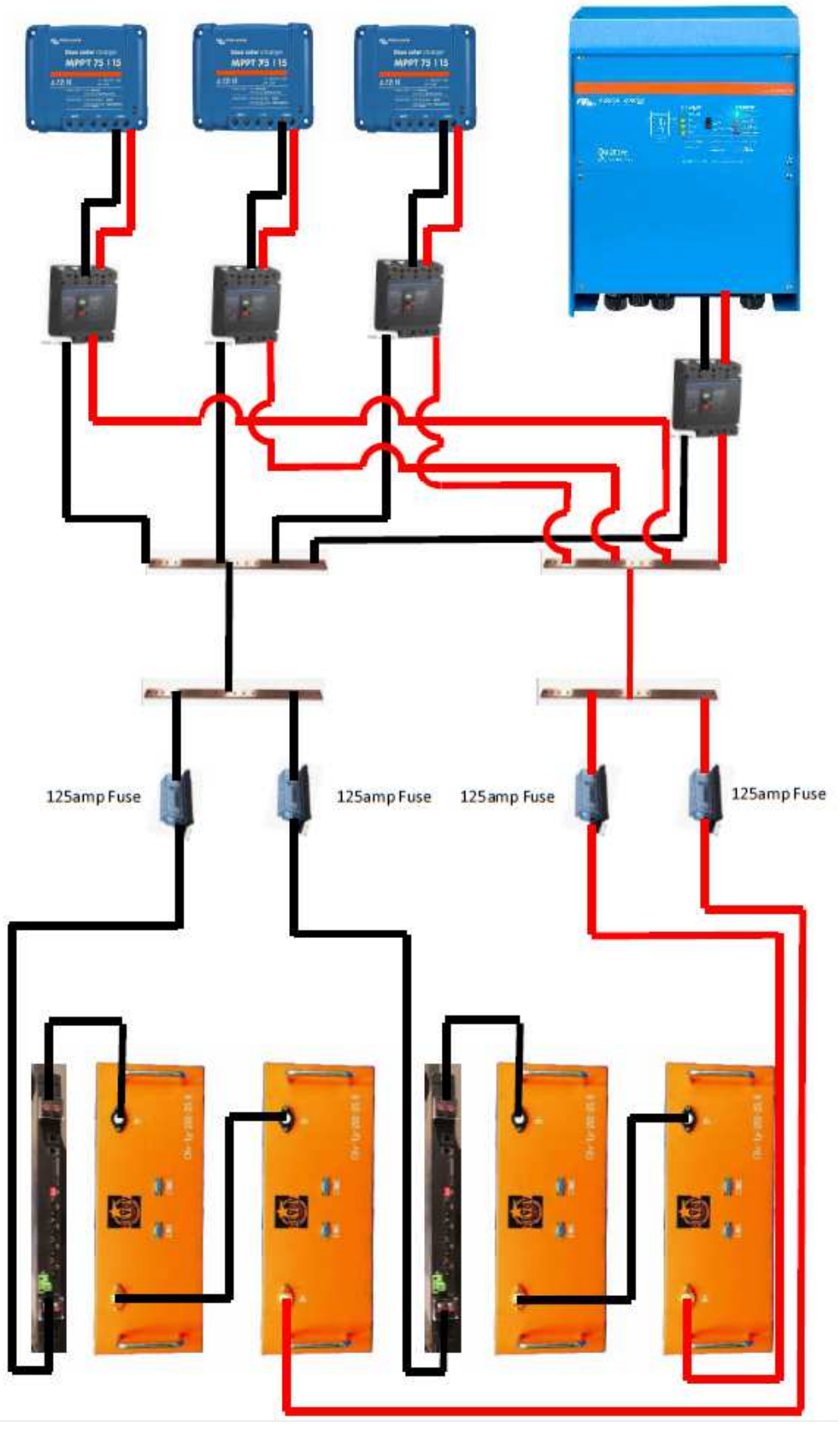

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