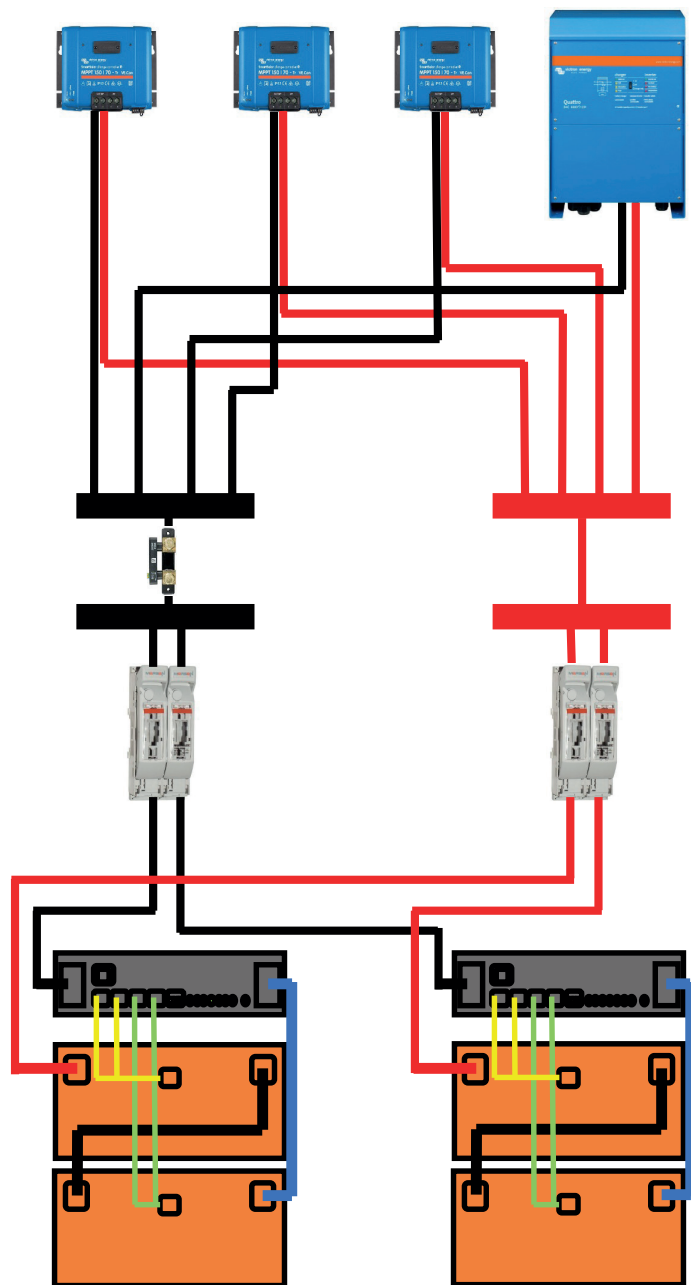




REVOV CAN BMS

Specs and recommended settings by REVOV

Package Dimensions (mm) R9					Equipment Excl. Packaging (mm) C8				
Type	L	H	W	Weight	Type	L	H	W	Weight
25.6V Battery	483	280	420	53 kg	25.6V Battery		171	457	58 kg
BMS	280	45	482	3 kg	BMS	280	45	482	3 kg
Cables				2 kg	Cables				2 kg



Electrical Specifications		
		General Settings
Charge Voltage (V)	Float Charge	54.5
	Boost/Absorption Charge	55.5
	Battery Disconnect	48V
Max Continuous Charge Current (200Ah)	@25°C ambient	0,5C (100A)
Max 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)		200/220/250

* Dependent on inverter type
* Load and temperature dependent
* Recommended charging amps 30 – 50A per pack (3 – 6hours depending on DOD of battery)

REVOV warranted settings are fixed and may only be varied after consultation/conjunction with REVOV Technical Department.

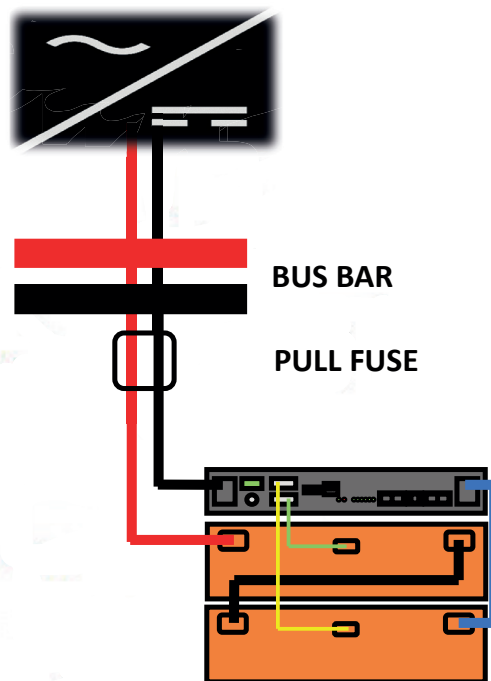
The REVOV system has an intelligent management system BMS which is designed and programmed to service and protect the cells attached to the unit. The REVOV bms is by design, reliant on the warranted parameters programmed into the charge/discharge equipment connected to the system.

Please note our batteries are serialized, dispatched, and warranted in PAIRS. These units are paired and balanced from factory to ensure optimal lifespan. Example AF320 (there will be two units marked AF320) or 32-A and 32-B.

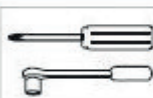
Our YouTube page:

REVOV Energy Storage has installation videos as well which you are welcome to refer to.

6. Installation complete for single system



☆ Please select the appropriate cables according to the power of the load.



- 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 an industry standard to size a storage system by doubling the inverter size for the storage i.e., 5kW inverter = 10kWh storage and is therefore accordingly warranted.
- Drawing above is a minimum warranted guideline. Adhere to local and national electrical installation guidelines.
- Only qualified personnel to operate and install systems.

Step by step guide to installation of BMS:

Step 1:

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

Step 2:

Connect the positive series connection from one battery to the other battery negative as depicted in the above diagram

Step 3:

Connect open positive through fuse to common positive system busbar

Step 4:

Connect open negative to **B – (Battery Negative)** of BMS

Step 5:

Connect **P – (Inverter Negative)** of BMS to through fuse to common negative system busbar

Step 6:

Connect ACB1 to Com Port 1 (Negative Battery)
Connect ACB2 to Com Port 2 (Positive Battery)

Step 7:

Connect 2.5mm² positive reference cable from positive battery to the green positive input on the BMS

* BMS will only energise once the ON/OFF button has been pressed.

Dip Switch Guide (Master and slaves)			BMV Settings	
System	Address	Example	Number	Setting
1	1000	First jumper up, rest down	1	Ah of battery (200 or 220)
2	0100	Second jumper up, rest down	2	0.3V less than absorption (solar) 0.3V less than float (no PV)
3	1100	First two jumpers up, rest down	3	4%
4	0010	Third jumper up, rest down	4	3min
5	1010	First and Third jumper up, rest down	5	1.05
6	0110	Second and Third jumper up, rest down	6	0.98