Victron Basic BMV Setup Quick Guide V3.0

To enter the programming menu with a BMV monitor Press and hold “SETUP” for 3 Seconds.

#	Description	AGM	LiFePO4	Notes
1	Battery bank size (Ah)	-Ah	-Ah	-
2	Charged Voltage	-	-	(.2V below Float voltage or .2V below Absorption if solar used)
3	Tail Current	3.0-1.0	1.0	Minimum amperage before the unit will reach 100% SOC (percentage of battery bank in amps) For battery banks smaller than 200Ah with large chargers 2.0-3.0 would be recommended.
4	Charge Detection Time	3 mins	3 mins	How long system needs to sit below tail current to reach 100% SOC
5	Peukets	1.25	1.1	Battery condition as battery ages.
6	Charge Efficiency	90%	95%	How efficiently battery charge/recharge
32	Alarm Function	On	On	Allows functionality of alarm functions
33	Low SOC Alarm	40%	20%	Low State of Charge Alarm
34	Clear Low SOC Alarm	45%	25%	Usually 5% higher than Low SOC Alarm
35	Low Voltage Alarm	11.2V	12.0V	Low Voltage Alarm Trigger Voltage
36	Clear Low Voltage Alarm	11.4V	12.4V	Usually .4V higher than Low Voltage Alarm
37	High Voltage Alarm	15.2V	15V	Very much dependant on battery type and Specs
38	Clear High Voltage Alarm	14.8V	14.6V	Usually Set .4V below High Voltage Alarm

Once you have completed these settings, leave the monitor for 30 seconds to allow the unit to return to main screen. You will notice that on new installations the unit will show 100% SOC, this is a default setting and the monitor will need to go through a charge cycle before it reads a true 100% SOC reading.

For any other settings or functions please refer to owners manual.