



## 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	Set to the capacity of the battery bank
2	Charged Voltage	Refer to Charger Spec	Refer to Charger Spec	Set .2V below absorption voltage of charger. Eg- Charger Voltage 14.4V set charged voltage to 14.2V.
3	Tail Current	3.0-1.0	1.0	Minimum amperage before the unit will reach 100% SOC (% of the battery bank in amps). For battery banks smaller than 200Ah with large chargers, 2.0-3.0 is recommended.
4	Discharge Floor	30%	10%	This affects "time to go calculation".
5	Charge Detection Time	3 min	3 min	How long system needs to sit below tail current to reach 100% SOC.
6	Peukets	1.25	1.1	Battery condition as battery ages.
7	Charge Efficiency	90%	95%	How efficient battery charge/recharge is.
32	Alarm Function	On	On	Allows alarm function.
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 dependent 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 the owners manual.