



**Charging Parameters for
Victron Inverter/Charger
Victron MPPT
Victron Battery Monitor**

MultiPlus and Quattro
Based on VE Configure 3



General Tab	48V	24V	12V
System Frequency			
Shore Limit			
Dynamic Current Limiter			
External Current Sensor			
Enable Battery Monitor	✓	✓	✓
State of charge when bulk finished	96%	96%	96%
Battery Capacity	Total GenZ Capacity	Total GenZ Capacity	Total GenZ Capacity
Charge Efficiency	96%	96%	96%

Charger Tab	48V	24V	12V
Enable Charger	✓	✓	✓
Weak AC Input	unchecked	unchecked	unchecked
Battery Type	Lithium	Lithium	Lithium
Stop after excessive bulk	unchecked	unchecked	unchecked
Lithium Batteries	✓	✓	✓
Storage Mode	unchecked	unchecked	unchecked
Use equalization	unchecked	unchecked	unchecked
Charge Cruve	Fixed	Fixed	Fixed
Absorption Voltage	57.6V	28.8V	14.4
Float Voltage	55.4V	27.7V	13.8
Charge Current	0.5C rate of total GenZ capacity	0.5C rate of total GenZ capacity	0.5C rate of total GenZ capacity
Repeated absorbtion on time	2hr	2hr	2hr
Repeated absorbtion on interval	7 days	7 days	7 days
Max absorbtion time	2hr	2hr	2hr

MPPT

Set in Victron Connect App



	48V	24V	12V
Max PV Power			
Max Current			
Max Current 2 units			
Battery Charge Limit	0.5C rate of total GenZ battery	0.5C rate of total GenZ battery	0.5C rate of total GenZ battery
Efficiency	96%	96%	96%
System Voltage	48V	24V	12V
Max Charge Current (set)	0.5C rate of total GenZ capacity	0.5C rate of total GenZ capacity	0.5C rate of total GenZ capacity
Float voltage (set)	55.4V	27.7V	13.8
Absorption voltage (set)	57.6V	28.8V	14.4
Absorption max time	2hr	2hr	2hr
Battery Type	Lithium	Lithium	Lithium
Battery Min Charge Voltage	55.4V	27.7V	13.8V
Battery Max Charge Voltage	57.6V	28.8V	14.4V
Total Battery Capacity	Total GenZ Capacity	Total GenZ Capacity	Total GenZ Capacity
Relay Switches on when			

Battery Monitor – BMV702

Set in Victron Connect App



	48V	24V	12V
Battery Capacity	Total GenZ Capacity	Total GenZ Capacity	Total GenZ Capacity
Charged Voltage	55.4V	27.7V	13.8V
Tail Current	4%	4%	4%
Peuker Exponent	1.02%	1.02%	1.02%
Charge Efficiency	96%	96%	96%
Current Threshold	0.1A	0.1A	0.1A
Time to go Averaging Period	3min	3min	3min
Low SOC Alarm	20%	20%	20%
Clear SOC Alarm	25%	25%	25%
Low Voltage Alarm	47.4V	23.7V	11.8V
High Voltage Alarm	58.4V	29.2V	14.6V
Clear High Voltage Alarm	57.6V	28.8V	14.4V