

VICTRON PRODUCT SETTINGS

Victron products can be used with MPS batteries in 12, 24 and 48V modes.

Care should be taken to adjust settings accordingly when having multiple charging sources.

Maximum charge current per battery Recommended charge current per battery Relative voltage Repeated aborption voltage Repeated absorption interval Repeated absorption time Re-bulk voltage Repeated absorption time Re-bulk voltage Repeated absorption end current per battery Repeated absorption end current per battery Repeated absorption time Re-bulk voltage Repeated absorption end current per battery Repeated absorption interval Repeated absorption time Repeated absorption interval Repea		12V-200Ah	12V-300Ah	24V-2.5kWh	48V-5.1kWh
Recommended charge current per battery Bulk / Absorption voltage Float v					
Bulk / Absorption voltage 14.4V 14.4V 28.8V 57.6V Float voltage 14.3V 14.3V 28.6V 57.4V Equalize voltage Disable or change to bulk voltage Temperature compensation Poisable Temperature compensation To days Repeated absorption interval Poisable Temperature compensation To days Repeated absorption time Poisable Temperature per battery Poisable Temperature compensation Temperature per battery Poisable Temperature compensation Poisable Temperature compensation Poisable Temperature cut off Poisable Temperatur	Maximum charge current per battery	150A	225A	60A	60A
Float voltage Equalize voltage Temperature compensation Repeated absorption interval Repeated absorption time Re-bulk voltage 14.3V 14.3V 28.6V 57.4V Disable or change to bulk voltage Total thour Repeated absorption interval Repeated absorption time Re-bulk voltage 14V 14V 28V 56V Absorption end current per battery 2A 3A 1A 1A Charge curve Fixed Storage mode Lithium batteries Temperature compensation Low temperature cut off DC input low shutdown 11V 11V 23V 46V DC input low restart 12.5V 12.5V 25V 50V DC input pre alarm 12V 12V 24V 48V Battery capacity times number of batteries 200Ah 300Ah 100Ah 100Ah Charged voltage 14.1V 14.1V 28.4V 57.2V Discharge floor 10% Tail current 4% Charged detection time Peukert exponent 1.00 Charge efficiency factor Quirent threshold Time to go averaging period 3 minutes	Recommended charge current per battery	66A	100A	33A	33A
Equalize voltage Temperature compensation Repeated absorption interval Repeated absorption interval Re-bulk voltage 14V 14V 28V 56V Absorption end current per battery 2A 3A 1A 1A Charge curve Storage mode Lithium batteries Temperature compensation Low temperature cut off DC input low shutdown DC input low restart 12.5V 12.5V 24V 48V Battery capacity times number of batteries Discharge floor Tail current Charge detection time Peukert exponent Current threshold Time to go averaging period Disabled 100 100 100 100 100 100 100 1	Bulk / Absorption voltage	14.4V	14.4V	28.8V	57.6V
Temperature compensation Repeated absorption interval Repeated absorption interval Repeated absorption time Re-bulk voltage 14V 14V 28V 56V Absorption end current per battery 2A 3A 1A 1A 1A Charge curve Storage mode Lithium batteries Temperature compensation Low temperature cut off DC input low shutdown DC input low restart 12.5V 12.5V 24V 46V DC input pre alarm 12V 12V 24V 48V Battery capacity times number of batteries 200Ah 300Ah 100Ah 100Ah Charged voltage 14.1V 14.1V 28.4V 57.2V Discharge floor Tail current Charged detection time Peukert exponent Charge efficiency factor Current threshold Time to go averaging period 14V 14V 14V 14V 15V 15V 15V 15V 15V 15V 15V 15V 15V 15	Float voltage	14.3V	14.3V	28.6V	57.4V
Repeated absorption interval Repeated absorption time Re-bulk voltage 14V 14V 28V 56V Absorption end current per battery 2A 3A 1A 1A 1A Charge curve Storage mode Lithium batteries Temperature compensation Low temperature cut off DC input low shutdown 11V 11V 23V 46V DC input low restart 12.5V 12.5V 25V 50V DC input pre alarm 12V 12V 24V 48V Battery capacity times number of batteries 200Ah 300Ah 100Ah 100Ah Charged voltage 14.1V 14.1V 28.4V 57.2V Discharge floor 10% Tail current 4% Charge efficiency factor Current threshold Time to go averaging period 3 minutes	Equalize voltage	Disable or change to bulk voltage			
Repeated absorption time Re-bulk voltage Absorption end current per battery Charge curve Storage mode Lithium batteries Temperature compensation Low temperature cut off DC input low shutdown DC input pre alarm Battery capacity times number of batteries Tail current Charge floor Tail current Charge efficiency factor Current threshold Tivy 14V 14V 28V 56V ABAV 1A 1A 1A 1A 1A 1A 1A 1A 1A	Temperature compensation	Disable			
Re-bulk voltage Absorption end current per battery 2A 3A 1A 1A 1A Charge curve Storage mode Lithium batteries Temperature compensation Low temperature cut off DC input low shutdown DC input low restart DC input pre alarm 12V 12V 24V 48V Battery capacity times number of batteries 12-5V Discharge floor Tail current Charge detection time Peukert exponent Current threshold Time to go averaging period 14V 14V 28V 56V DA 1A	Repeated absorption interval	7 days			
Absorption end current per battery Charge curve Storage mode Lithium batteries Temperature compensation Low temperature cut off DC input low shutdown DC input low restart DC input pre alarm 12V 12V 24V 48V Battery capacity times number of batteries Disabled 14.1V 14.1V 28.4V 57.2V Discharge floor Tail current Charged detection time Peukert exponent Current threshold Time to go averaging period Absorption end current per battery Enixed Fixed Fixed Fixed 14.1V 14.1V 23V 46V 24V 46V 25V 50V D2 input low restart 12.5V 12.5V 12.5V 25V 50V ABV Battery capacity times number of batteries 200Ah 300Ah 100Ah 100Ah 100Ah 57.2V Discharge floor 10% Charged detection time 98% Current threshold 0.10A	Repeated absorption time	1 hour			
Charge curve Storage mode Lithium batteries Temperature compensation Low temperature cut off DC input low shutdown DC input low restart DC input pre alarm Battery capacity times number of batteries Discharge floor Tail current Charged detection time Peukert exponent Current threshold Tithium batteries Disabled Enabled Disabled Disable	Re-bulk voltage	14V	14V	28V	56V
Storage mode Lithium batteries Temperature compensation Low temperature cut off DC input low shutdown DC input low restart DC input pre alarm Battery capacity times number of batteries Disabled Low temperature cut off DC input low shutdown D11V D11V D23V 46V DC input low restart D25V D25V 50V DC input pre alarm D30Ah D30A	Absorption end current per battery	2A	3A	1A	1A
Lithium batteries Temperature compensation Low temperature cut off DC input low shutdown DC input low restart DC input low restart DC input pre alarm 12V 12V 24V 48V Battery capacity times number of batteries 200Ah Charged voltage 14.1V 14.1V 28.4V 57.2V Discharge floor Tail current 4% Charged detection time Peukert exponent Charge efficiency factor Current threshold Time to go averaging period Enabled Disabled Disabled Louisabled 11V 11V 23V 46V 23V 46V 23V 48V 800Ah 100Ah 1	Charge curve	Fixed			
Temperature compensation Low temperature cut off DC input low shutdown DC input low restart DC input low restart DC input low restart DC input low restart DE input low r	Storage mode	Disabled			
Low temperature cut off DC input low shutdown 11V 11V 23V 46V DC input low restart 12.5V 12.5V 25V 50V DC input pre alarm 12V 12V 24V 48V Battery capacity times number of batteries 200Ah 300Ah 100Ah 100Ah Charged voltage 14.1V 14.1V 28.4V 57.2V Discharge floor 10% Tail current 4% Charged detection time 3 minutes Peukert exponent 1.00 Charge efficiency factor 98% Current threshold 0.10A Time to go averaging period 3 minutes	Lithium batteries	Enabled			
DC input low shutdown 11V 11V 23V 46V DC input low restart 12.5V 12.5V 25V 50V DC input pre alarm 12V 12V 24V 48V Battery capacity times number of batteries 200Ah 300Ah 100Ah 100Ah Charged voltage 14.1V 14.1V 28.4V 57.2V Discharge floor 10% Tail current 4% Charged detection time 3 minutes Peukert exponent 1.00 Charge efficiency factor 2urrent threshold 0.10A Time to go averaging period 3 minutes	Temperature compensation	Disabled			
DC input low restart 12.5V 12.5V 12.5V 25V 50V DC input pre alarm 12V 12V 24V 48V Battery capacity times number of batteries 200Ah 300Ah 100Ah 100Ah Charged voltage 14.1V 14.1V 28.4V 57.2V Discharge floor 10% Tail current 4% Charged detection time 3 minutes Peukert exponent 1.00 Charge efficiency factor Current threshold 7 ime to go averaging period 3 minutes	Low temperature cut off	5°C			
DC input pre alarm 12V 12V 24V 48V Battery capacity times number of batteries 200Ah 300Ah 100Ah 100Ah Charged voltage 14.1V 14.1V 28.4V 57.2V Discharge floor 10% Tail current 4% Charged detection time 3 minutes Peukert exponent 1.00 Charge efficiency factor 200Ah 300Ah 100Ah 100Ah 100A 4% Charged detection time 3 minutes Pukert exponent 1.00 Charge efficiency factor 98% Current threshold 0.10A Time to go averaging period 3 minutes	DC input low shutdown	11V	11V	23V	46V
Battery capacity times number of batteries 200Ah 300Ah 100Ah 100Ah Charged voltage 14.1V 14.1V 28.4V 57.2V Discharge floor 10% Tail current 4% Charged detection time 3 minutes Peukert exponent 1.00 Charge efficiency factor 98% Current threshold 0.10A Time to go averaging period 3 minutes	DC input low restart	12.5V	12.5V	25V	50V
Charged voltage 14.1V 14.1V 28.4V 57.2V Discharge floor 10% Tail current 4% Charged detection time 3 minutes Peukert exponent 1.00 Charge efficiency factor 98% Current threshold 0.10A Time to go averaging period 3 minutes	DC input pre alarm	12V	12V	24V	48V
Discharge floor 10% Tail current 4% Charged detection time 3 minutes Peukert exponent 1.00 Charge efficiency factor 98% Current threshold 0.10A Time to go averaging period 3 minutes	Battery capacity times number of batteries	200Ah	300Ah	100Ah	100Ah
Tail current 4% Charged detection time 3 minutes Peukert exponent 1.00 Charge efficiency factor 98% Current threshold 0.10A Time to go averaging period 3 minutes	Charged voltage	14.1V	14.1V	28.4V	57.2V
Charged detection time 3 minutes Peukert exponent 1.00 Charge efficiency factor 98% Current threshold 0.10A Time to go averaging period 3 minutes	Discharge floor	10%			
Peukert exponent 1.00 Charge efficiency factor 98% Current threshold 0.10A Time to go averaging period 3 minutes	Tail current	4%			
Charge efficiency factor 98% Current threshold 0.10A Time to go averaging period 3 minutes	Charged detection time	3 minutes			
Current threshold 0.10A Time to go averaging period 3 minutes	Peukert exponent	1.00			
Time to go averaging period 3 minutes	Charge efficiency factor	98%			
	Current threshold	0.10A			
Battery SOC on reset Keep SOC	Time to go averaging period	3 minutes			
	Battery SOC on reset	Keep SOC			















