

Victron Energy Inverter Setting



MultiPlus-II


General | Grid | Inverter | Charger | Virtual switch | Assistants

System frequency
 50Hz 60Hz

Shore limit
AC input current limit A Overruled by remote

Dynamic current limiter
 External current sensor connected (see manual)

Enable battery monitor
State of charge when Bulk finished %
Battery capacity Ah
Charge efficiency



If you use the external current sensor, you should select this item

1 battery is 100 (Ah)





General Grid Inverter Charger Virtual switch Assistants

PowerAssist
Assist current boost factor: 20

Inverter output voltage: 230 V

Ground relay

DC input low shut-down: 41.00 V shut-down on SOC

DC input low restart: 42.00 V SOC low shut-down: 0.0 %

DC input low pre-alarm: 42.00 V SOC low restart: 0.0 %

Do not restart after short-circuit (VDE 2510-2 safety)

enable AES
Start AES when load lower than 92 W
Stop AES when load 46 W higher than start level.

AES type

modified sine wave

search mode

Change to 44 (V)

Change to 48 (V)

Change to 48 (V)





MultiPlus-II

General Grid Inverter **Charger** Virtual switch Assistants

- Enable charger
- Weak AC input
- Stop after excessive bulk
- Lithium batteries
- Disable VSense (for diagnostic purposes)
- Configured for VE.Bus BMS

Battery type
G50 2023

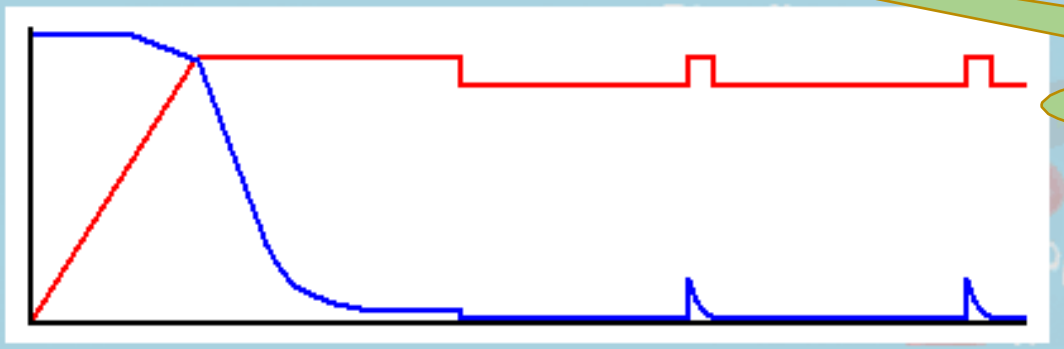
Charge curve Fixed

- Absorption voltage 53.50 V Repeated absorption time 1.00 Hr
- Float voltage 50.00 V Repeated absorption interval 7.00 Days
- Charge current 70 A Absorption time 1 Hr
- Stop charger below 0.0 deg C

Change to 56.0 (V)

Change to 54.0 (V)

Change to 75 (A)



Battery system

Please select your system

- System uses OPzS or OPzV batteries
- System uses Gel or AGM batteries
- System uses LiFePo4 batteries with a VE.Bus BMS
- System uses LiFePo4 batteries with a two-signal BMS
- System uses LiFePo4 with other type BMS
- [This can be either a BMS connected via CAN bus or a BMS system in which the batteries are protected from high/low cell voltages by external equipment.]
- System uses Redflow ZCell batteries

 Cancel

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correct



ESS (Energy Storage System)



Battery capacity

Please enter the correct battery capacity.

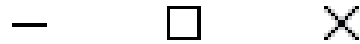
The battery capacity of the system is Ah.

1 battery is 100 (Ah)

 Cancel

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Sustain voltage

When batteries are left in a deep discharged state during a prolonged period, there is a severe chance that they will be damaged.

To prevent this, the sustain mechanism will kick in and keep the batteries at a minimum voltage by charging them with a small current whenever necessary.

For more info, refer to the [controlling depth of discharge](#) chapter of the [Energy Storage manual](#).

Sustain voltage V.

Change to 49 (V)

Cancel

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Dynamic cut-off

This assistant uses so called dynamic cut-off.
That is, the 'DC input low shut-down' level depends on the battery discharge current.

There will normally be no need to adjust the curve used for this!
Just accept below values which are already optimized for the selected battery type.

In rare cases it might be advantageous to modify the curve. This can be done by changing the values below.

Note:

* Because dynamic cut-off is used, the "DC input low shut-down" related parameters in VEConfigure are ignored.

Cut off voltage for a discharge current of:

0.005 C	=	41.00	V
0.25 C	=	41.00	V
0.7 C	=	41.00	V
2 C	=	41.00	V

Change to 42 (V)

Change to 42 (V)

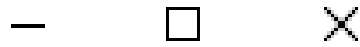
Change to 42 (V)

Change to 42 (A)

X Cancel

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Restart offset

When inverting is stopped due to low battery, the battery voltage must rise above a certain level before inverting is allowed again.

This level is determined as an offset to cut-off(U).

(cut-off(U) is the cut-off voltage corresponding with a DC discharge of 0A.)

Note:

This same value is used as an offset to the cut-off voltage to determine the low bat Pre-Alarm indication)

Inverting is allowed again when voltage rises V above cut-off(U).



correct

Cancel

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< DVCC 10:12

Begrenzen Sie die verwaltete Batterieladespannung

SVS - Gemeinsamer Spannungssensor

STS - Gemeinsamer Temperatursensor

Temperatursensor GALAXY on CAN-bus

SCS - Gemeinsamer Stromsensor

SCS Status Deaktiviert (Externe Steuerung)

Seiten Menü

Open the button:
Charge voltage limitation

Maximum charge voltage to
56.8 (V)