

Victron Energy Inverter Setting

With

Pytes LV Series

File Port selection Target Defaults Options Special Help

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



Tick the box
if external current sensor is used.

Value = Batteries Rated
Capacity* battery quantity
installed

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Inverter output voltage V

☒ Ground relay

☐ PowerAssist

Assist current boost factor

DC input low shut-down V

DC input low restart V

DC input low pre-alarm V

☐ shut-down on SOC

SOC low shut-down %

SOC low restart %

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

☐ enable AES

Start AES when load lower than W

Stop AES when load W higher than start level

AES type

☒ modified sine wave

☐ search mode

Waveform diagram showing modified sine wave and search mode pulse.

49 (V)

51 (V)

51 (V)

File Port selection Target Defaults Options Special Help

MultiPlus-II

General Grid Inverter **Charger** Virtual switch Assistants

☒ Enable charger

Battery type: No corresponding default

☐ Weak AC input

☐ Stop after excessive bulk

☒ Lithium batteries

☐ Configured for VE.Bus BMS

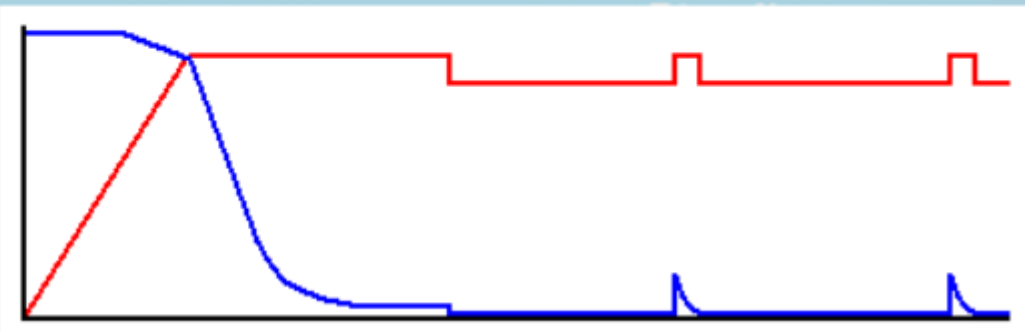
Charge curve Fixed

Absorption voltage 56.80 V Repeated absorption time 1.00 Hr

Float voltage 56.00 V Repeated absorption interval 7.00 Days

Charge current 70 A Absorption time 2 Hr

☐ Stop charger below -20.5 deg C



56.8 (V)

56(V)

Value = Recommend charge Current x
batteries installed

ESS (Energy Storage System)



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

Enable this option

 Cancel

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ESS (Energy Storage System)



Battery capacity

Please enter the correct battery capacity.

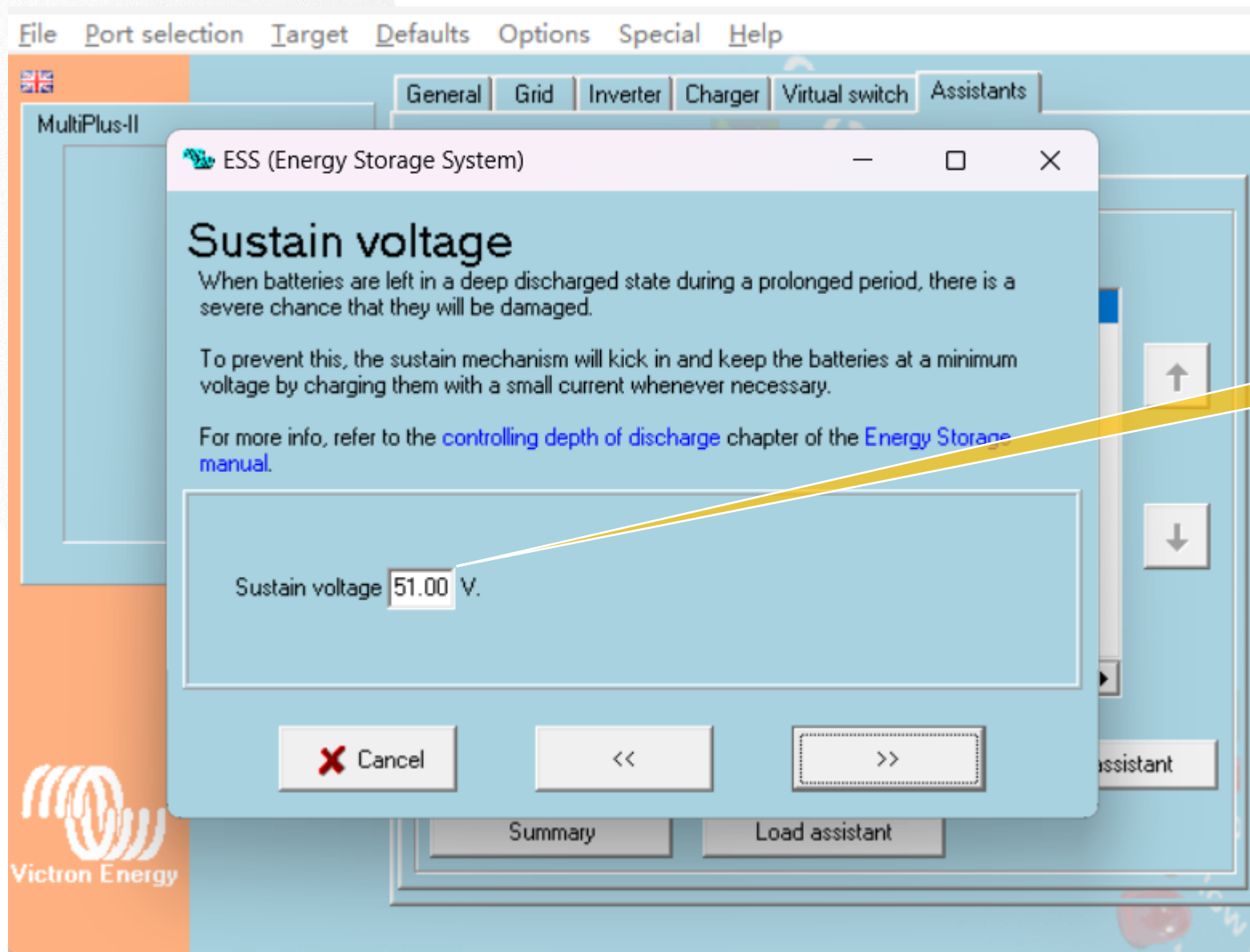
The battery capacity of the system is Ah.

Value= Batteries Rated Capacity*
battery quantity installed

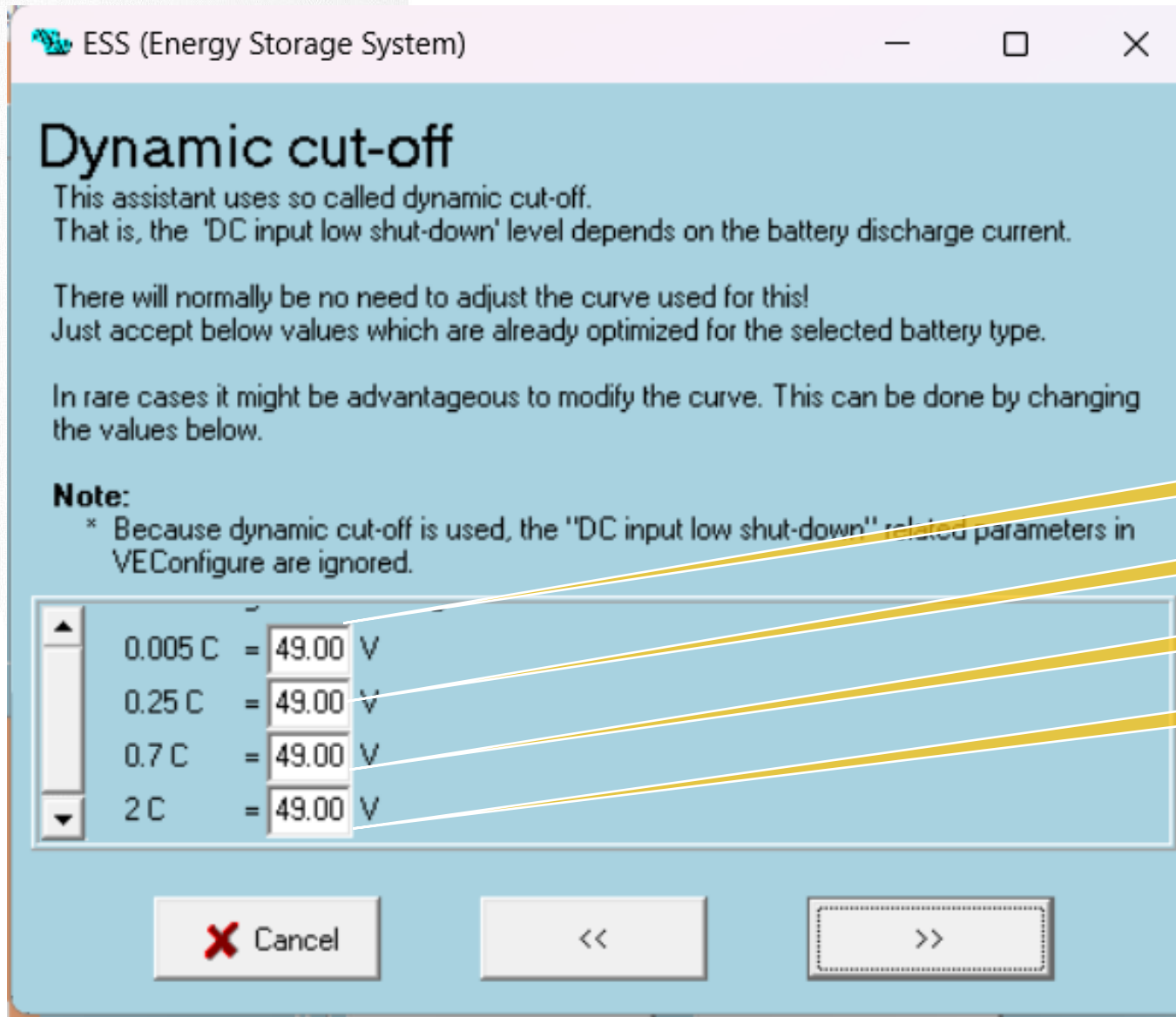
 Cancel

<<

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51 (V)



49 (V)

49 (V)

49 (V)

49 (V)



ESS (Energy Storage System)



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(0).

(cut-off(0) 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(0).

Default value 1.2



Cancel

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DVCC

09:54

DVCC	☒
Limit charge current	☐
Limit managed battery charge voltage	☐
SVS - Shared voltage sense	☐
STS - Shared temperature sense	☐
SCS - Shared current sense	☐

Pages

Menu

Enable DVCC