

# **Remote VEConfigure**

www.victronenergy.com

### Changing of VEConfigure software settings via the VGR system

#### Required equipment:

- 1. VE-Bus system installed and switched on
- 2. A Victron Global Remote 2 or Victron Ethernet Remote installed, connected and set up accordingly to the VE-Bus system. Minimal VGR / VER version is v2.14. Version 2.16 is required for VE-Bus system firmware 2xx, 3xx or 4xx
- 3. A laptop/computer connected to the internet, the user should have an account created on the <u>VRM Portal</u>, and have Admin rights on the system which settings will be altered.
- 4. VEConfigure3 needs to be installed on the computer. If it is not installed yet, it can be downloaded <u>from our website</u>. Please verify on the website that you are using the latest version.

Please note that this document describes the functionality for VGR systems only. For Remote VEConfigure using a Color Control GX please refer to http://www.victronenergy.com/live/ccgx:ccgx\_ve\_power\_setup

## Process of changing the VEConfigure settings remotely

- 1. Login to your VRM account on <u>https://vrm.victronenergy.com/</u>, and select the site you wish to work on.
- 2. In case you used Remote VEConfigure before skip steps 3 and 4 and continue with step 5
- 3. If you're using Remote VEConfigure via the VRM portal for the first time, make sure that you have the VEConfigure widget enabled.

To enable the widget

- a. Select the tab "Settings" from the main overview (a)
- b. Select the option "Advanced tab setup" (b)
- c. Drag Remote VEConfigure from disabled to active (c)
- Note: The fields are displayed on the tab "Advanced" in the same order as shown in the "active" list.
- d. Press save all settings

ی بنده که	ton Batteries Advanced Settings	
🖌 Settings		
General	Disabled	Active
Tags	AC Input Frequency	VE.Bus Summary
Site summary	Battery SOC [258]	Warnings and Alarms
Set location	Battery Voltage and Current [258]	Site Summary
Set geofence	Starter Battery Voltage [258]	Alarm
Advanced tab setup	Historic Data [258]	Battery Summary
Users	Starter Battery Voltage (256)	State
Alarm rules	Historic Data [256]	AC Input Voltage And Current
System overview	Solar Charger Summary	AC Input Power
Save all settions	Remote VEConfigure	DC Voltage And Current
acce on accordings	Solar Charger PV Yield	AC Output Voltage And Current

4. Select the tab ' Advanced'





Several widgets with information regarding the system will be shown. Typing the name of a widget in the search field will automatically show the widgets that contain these characters typed. Remote VEConfigure can be found either by scrolling down or by typing 'VEConfigure' in the search field.

Warnings and Alarms					
Temperature Low Battery Overload					
31-08-14 31-08-14 15:00 18:00	31-08-14 01-09-14 21:00 00:00	01-09-14 01-09-1 03:00 06:00	4 01-09-14 09:00	01-09-14 12:00	01-09-14 15:00
BMS Status	Remote VE	Configure	VE.Bus Si System Pass	ummary <sub>thru</sub>	ý
State Running	No configura	tion files found	AC Input 229.7 VAC 220.4 VAC	0.9 A 4.3 A	81 VA 748 VA
Balancing Inactive			AC Output	t	-201 VA
Min cell voltage 3.22 V			229.7 VAC 220.4 VAC 223.8 VAC	0.8 A 7.6 A -2.6 A	73 VA 1326 VA -498 VA

- Send a SMS message to the GSM Number of the VGR installed with the content 'veconf read'. 5.
- 6. The VGR will respond with 'veconf in progress' - indicating it started reading the settings from the VE.Bus.
- 7. Once finished it will respond - 'reading .vsc for dev 1 succeeded'.
- 8. The widget Remote VEConfigure will show the configuration file, the .vsc file, as shown in the screenshot below.



9. By clicking this file, you will be given the option to either download or replace the configuration file.





- 10. Press download to download the current settings and save them to your computer.
- 11. Double click the file to open it in VEconfigure, and make your changes.
- 12. In the VEConfigure software save the file to your computer.
- 13. Go back to the website and press the 'Replace File' button.
- 14. A window will open and ask you where you have saved the VEConfigure setting file.
- 15. Select the file and press the 'Upload' button.
- 16. Now the website has uploaded the new .vsc file to the VRM website.
- 17. You will receive a confirmation that the file was successfully replaced.

The page at https://vrm.victronenerg	y.com says: ×			
The file 353270041531957_dev#1.vsc was successfully replaced.				
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- 18. The next step is to use the GSM phone again and instruct the VGR to update the settings by sending another SMS message 'veconf write 1'.
- 19. The VGR replies with first 'veconf in progress'
- 20. Then 'writing .vsc for dev 1 succeeded'

Finished! Now the VE.Bus system has been updated with the new settings made.

Notes:

- Delays can be caused by the GSM Network that is sending the file via GPRS
- If you have a system with units operating in parallel and/or in three phase, sending 'veconf devnum' will indicate the number of devices installed in the system. You will see a .vsc file on the VRM website for each of the devices in the system. To update a file for a specific unit, for example unit nr. 2, send 'veconf write 2'.
- Remote VEConfigure via the VGR system does not support reading/writing "Assitants" and modification of grid compliance related settings. This functionality is currently only supported when using a Color Control GX

## FAQ

Q1: The following error occurs when trying to download the .vsc file to your computer: "ERROR: File is not recognized as .vsc (vsd end not within file).

De pagina op https://vrm.victronenergy.com meldt het volgende: ×	
File is not recognized as .vsc vsd end not within file. Please retry sending veconf read. In some networks it might take several retries before succeeding.	
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This error occurs with some GSM-networks through a failure with the FTP communication, which causes the missing end characters of the .vsc files. To solve this problem send the read SMS a couple of times, until you are able to download all files. Also make sure the VGR is running the latest firmware version, v2.16.

