



Ve.bus quick configure

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Parallel single phase (max three units)

Multi phase settings (max three units)

Default settings

Read out error codes

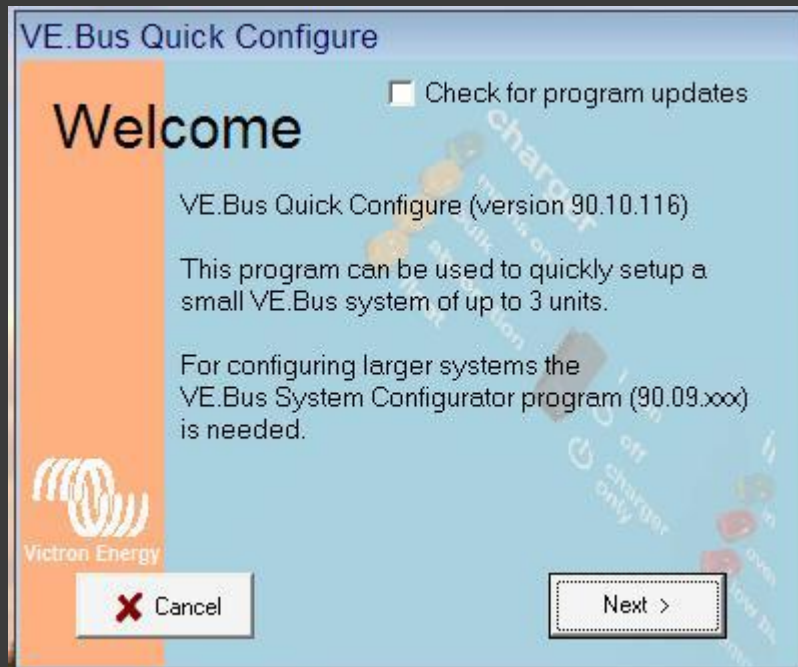


Only identical models with the same firmware version can be configured in parallel or 2 or 3phase

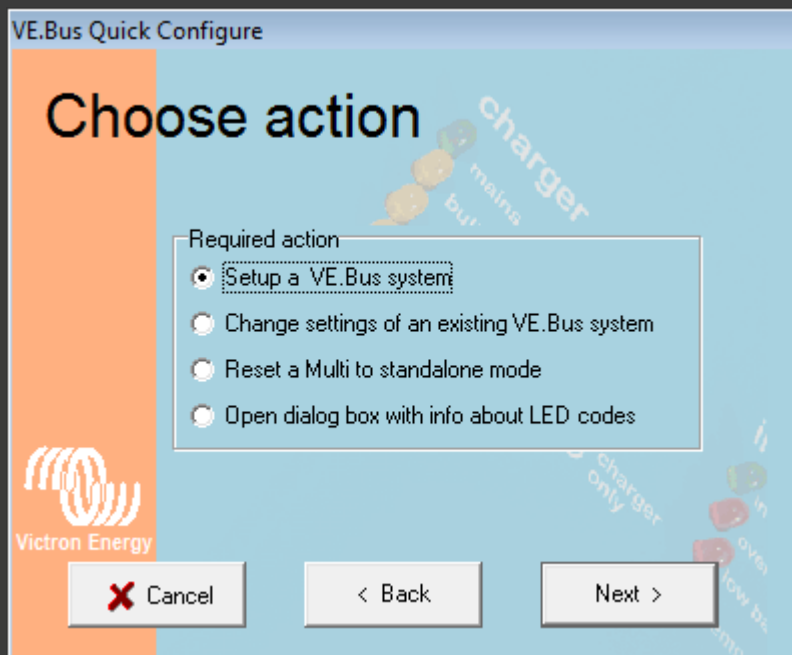
For more sophisticated programming such as more than 3 units, Multi-phase and/or Floating phase VE.Bus system configurator software is needed

Always make sure you are using the latest version of the software program

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Here you can choose what you want to do with the system.

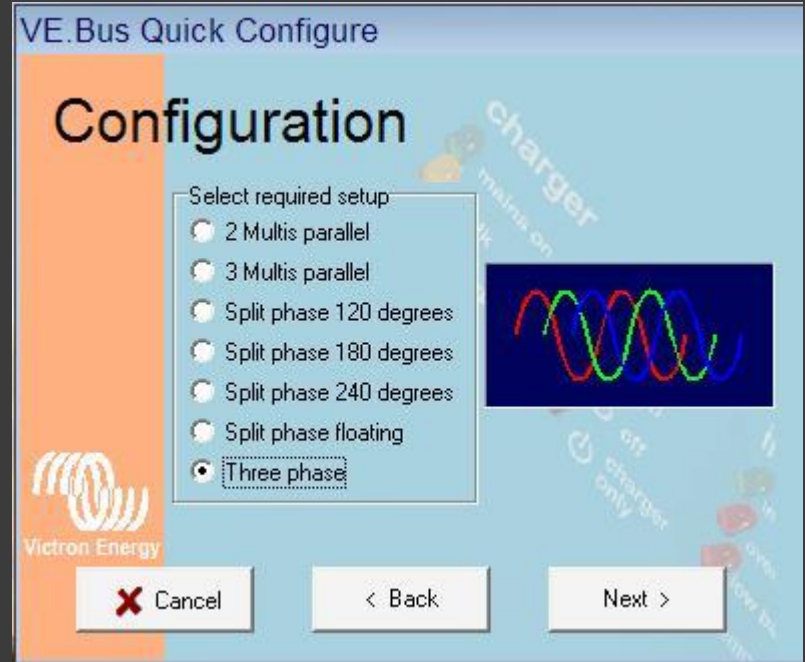
- Check [Setup a VE Bus system] if the system is not programmed yet.
- Check [Change settings of an existing VE Bus system] in order to change your settings.
- Check [Reset a Multi to Stand-alone mode] if you want to use a Victron unit in a VE Bus system as a standalone unit again.
- Check [Open dialog with info about LED codes] if an error code appears on a VE Bus Unit. The Error Code

Menu will help you find the cause.

Here you can choose a configuration in order to program a VE Bus system.

If you cannot find the configuration you need on this screen, it is not possible to program this configuration with

VE Bus Quick Configure. You most likely need the VE Bus System Configurator



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VE.Bus Quick Configure

Connections

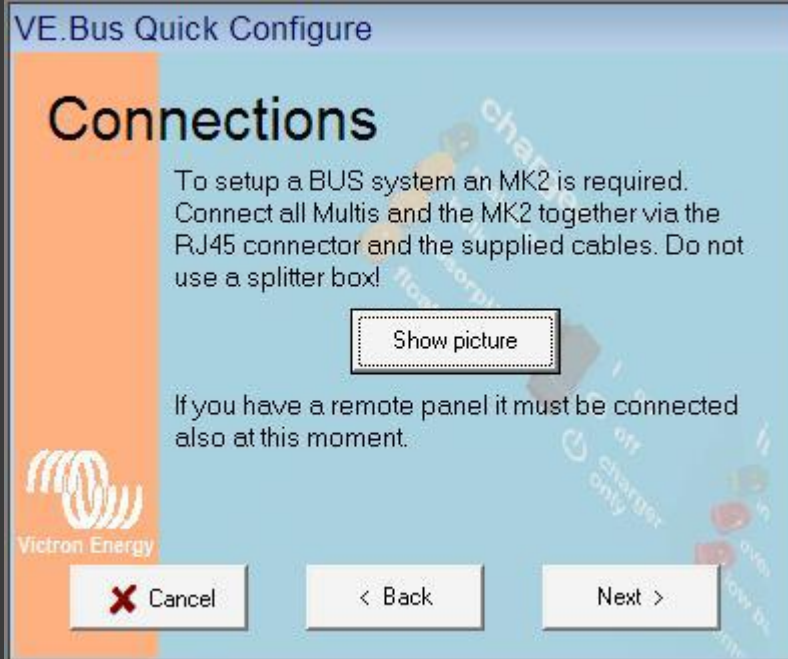
To setup a BUS system an MK2 is required. Connect all Multis and the MK2 together via the RJ45 connector and the supplied cables. Do not use a splitter box!

[Show picture](#)

If you have a remote panel it must be connected also at this moment.



X Cancel < Back Next >



For a reliable operation of the VE Bus System it is of the utmost importance that all wiring is connected properly!

If you click [Show picture], you will see a diagram that shows the optimal way to do so.

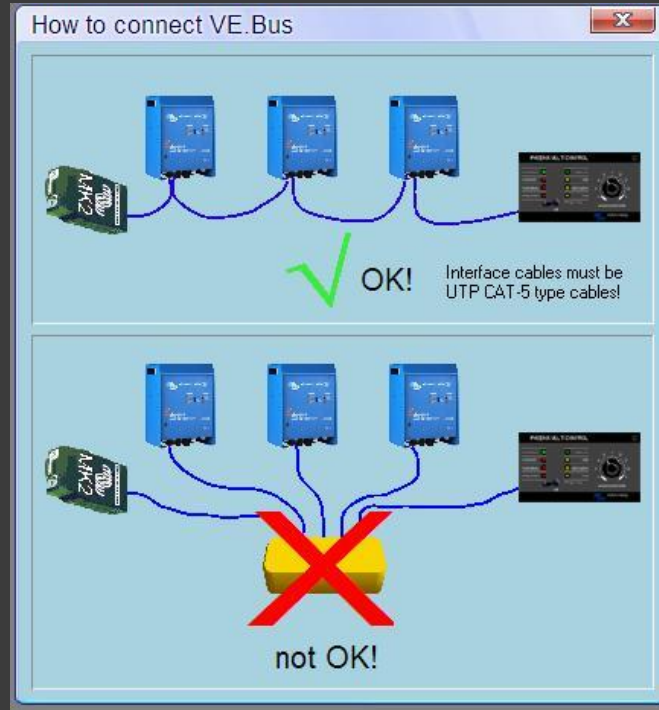
For the following it is important and necessary that all units are connected to your batteries.

Also your panel (if you have one) should be connected!

NOTE! Always use at least CAT 5 cabling!

The UTP cabling is of the so-called 'straight' type.

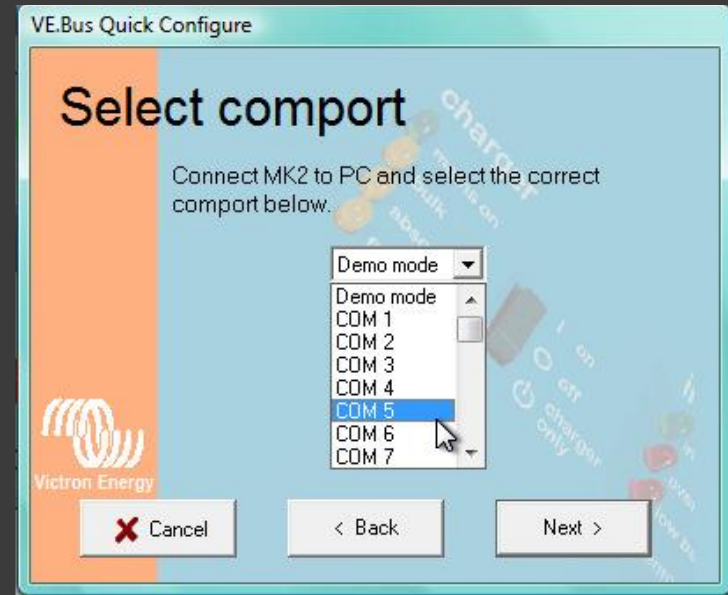
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Select COM port

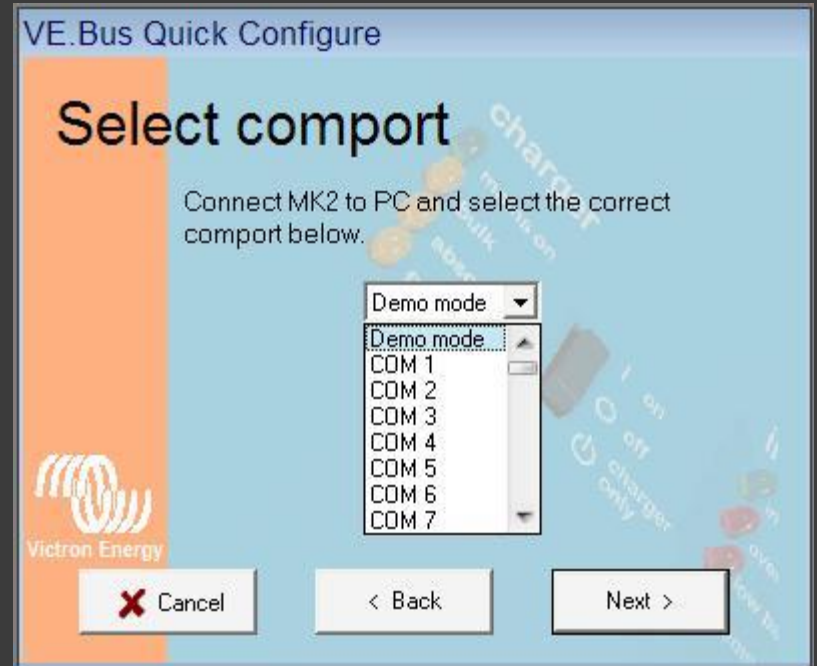
In order for the computer to find the converter, the correct port number should be selected.

See page 2 of this manual to find out how you can find the correct Com port number.

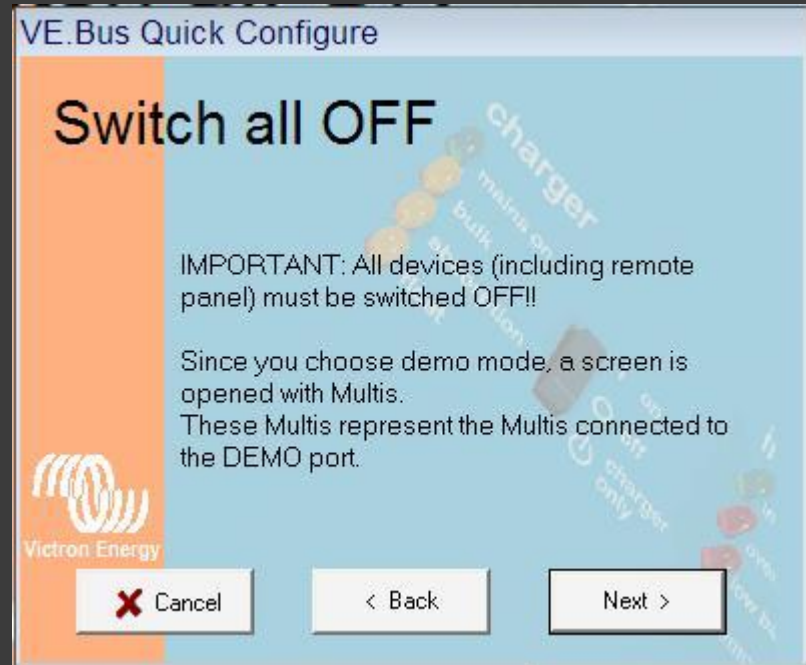


Demo mode

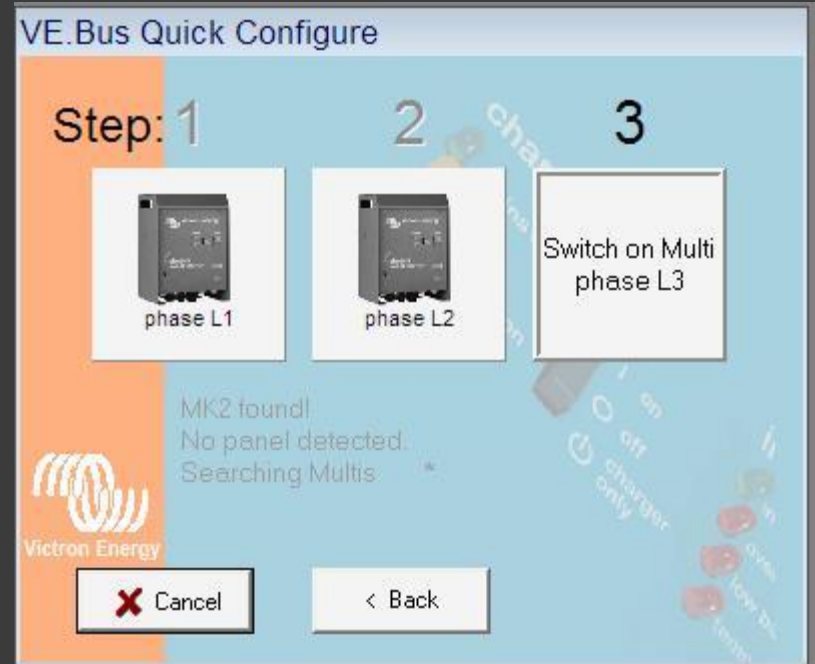
At this stage you can also select demo mode



Switch OFF all units (if present, the remote panel included)!




Follow the instructions on the screen and switch on all units one by one. Then wait for the program to detect the unit. When all units are detected and setup by the program, their color changes from grey to blue.



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Change settings



Stand alone


System is correctly configured!
The settings of individual multies can now be changed with VeConfigure2 by right-clicking on the corresponding image. Multis can also be identified by flashing LEDs.

Done

*charger
mains-on
bulk
absorption
float*

VE.Bus Quick Configure

Change settings



phase L1 phase L2 phase L3

System is correctly configured!
The settings of individual multies can now be changed with VeConfigure2 by right-clicking on the corresponding image. Multis can also be identified by flashing LEDs.

Wiring information Done

*charger
mains-on
bulk
absorption
float*

You can start VE Configure by using your right-click mouse button while you are hovering over a unit with your mouse pointer. In this same menu, which will pop up, you can also choose the [Flash LED's] option. The LED's start blinking on the corresponding unit and you can check if the AC wiring is correct.

By clicking 'Done' the units have been programmed and the program will shutdown automatically.

Error code information

If the system does not operate correctly or when during operation LED's start blinking or illuminating in antiphase (taking turns) with the 'inverter on' LED, you can read the cause in the 'Error Code Information Box'.

Error codes

Please read the information below **carefully** before contacting Victron Energy.

There are 2 types of LED codes in a VE Bus system. OK codes and Error codes

OK codes
If the internal state in a device is OK, but the device cannot start yet due to the failing of other devices, this device will display an OK code. This feature will make it more easy to discover which unit fails in a certain situation.

For a Multi:

- A blinking Bulk LED indicates that this device can invert.
- A blinking Float LED indicates that this device can charge.

For an Inverter:

- The Inverter on LED must blink.
- A blinking Overload LED indicates that this device can invert.
- A blinking Temperature LED indicates that this device does not block charge.

All other LEDs must be off. If this is not the case then it is not an OK code.
This rule has the following exceptions:

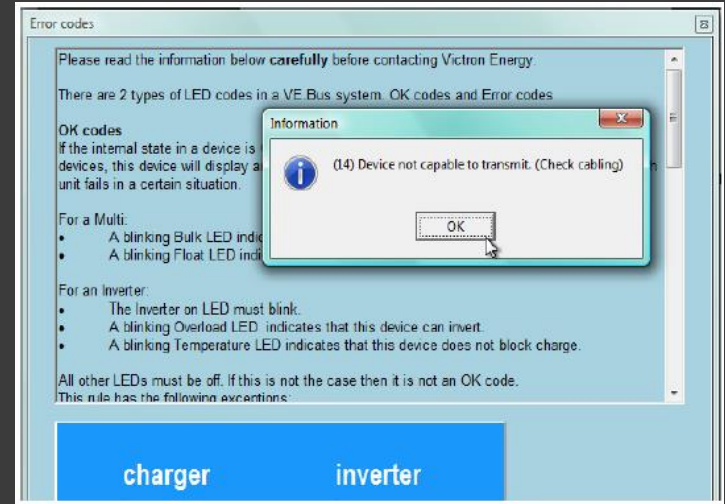
charger	inverter
• mains on	• inverter on
• bulk	• overload
• absorption	• low battery
• float	• temperature

Error Info

With the mouse you can make the LED's on the left side illuminate and/or blink; identical to the LED's on the real unit.

A LED will start blinking when you click on it once. The LED will illuminate when you click on it once more.

If the image is identical to that on the real unit, you click [Error info].



Windows 8

Windows 8 and Victron software

The following programs were tested on Windows 8:

- VEConfigure3, VE.Bus Quick Configure and VE.Bus System Configurator
- VGR Configure
- BMV 60x-S software
- VEFlash

All software applications worked without any problems on Windows 8 64bit.

Note that you do need administrator rights to install drivers and applications.



Energy. Anytime. Anywhere.