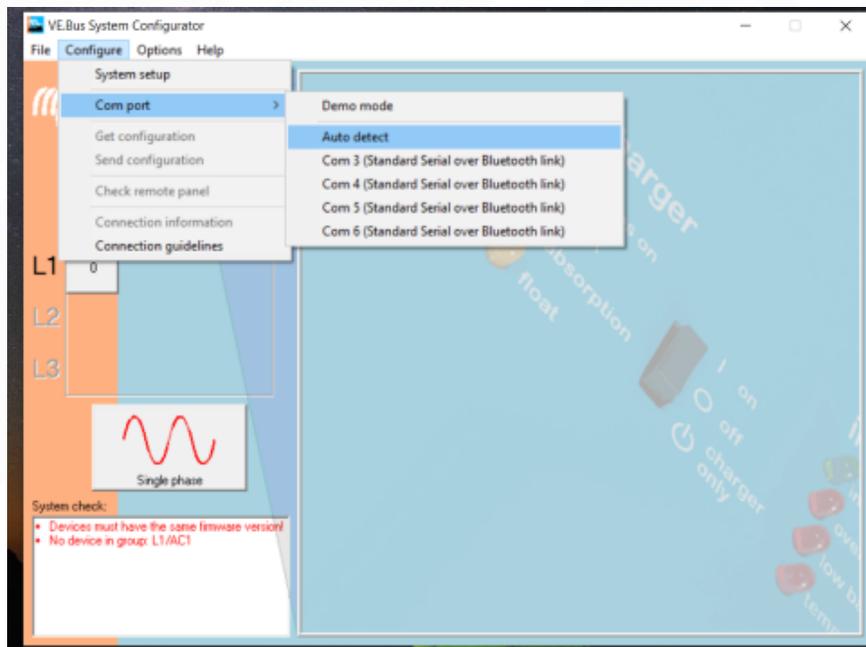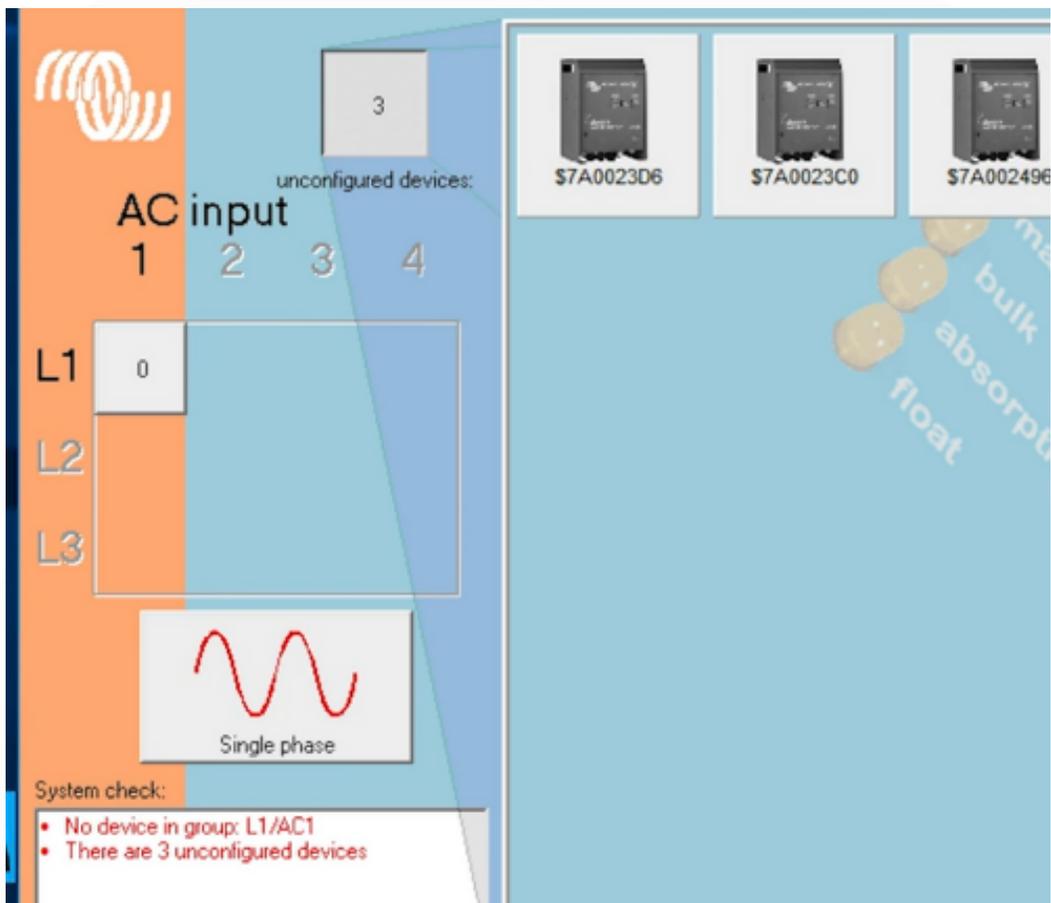# Configuring Multiple Inverter/Chargers in Parallel

All units in one system must be the same type and firmware version, this includes the same size, system voltage, and feature set. The type is indicated by the first four digits of the firmware version number.

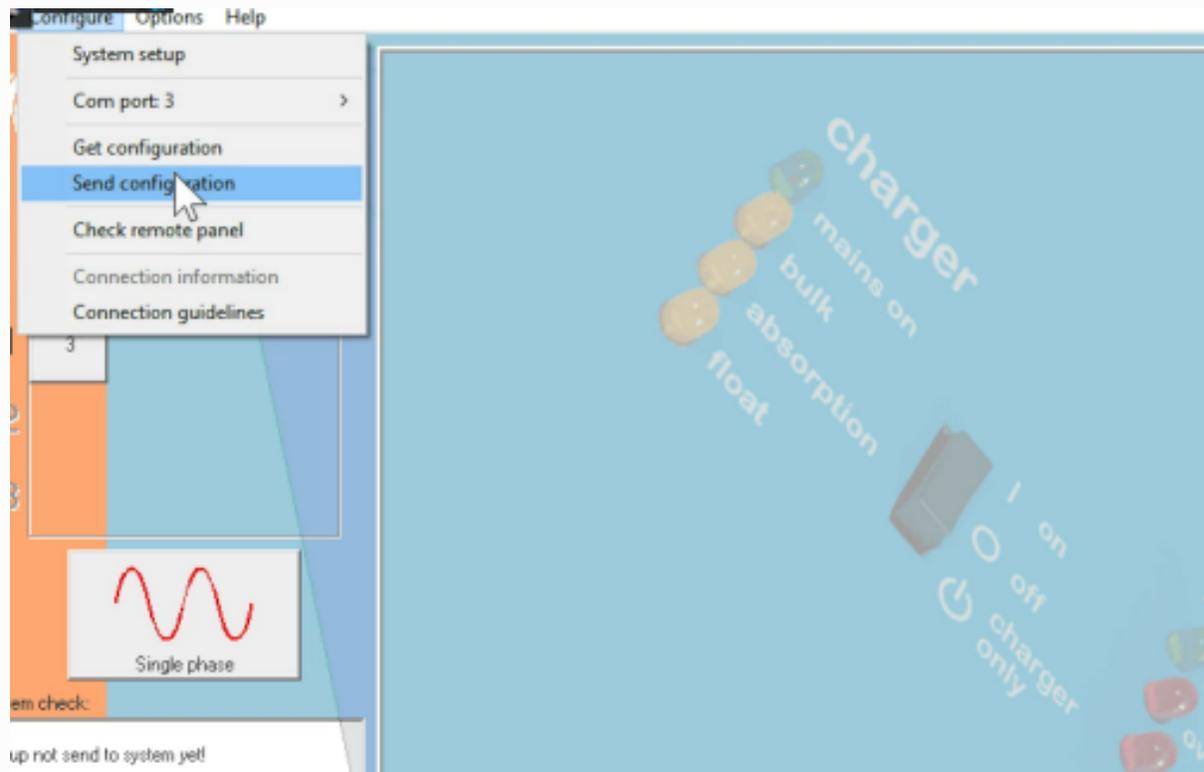**Note: You will need a PC (or PC emulator if using a Mac).**

1. Verify the same type across each inverter/charger in the system
2. Update to latest firmware on each inverter/charger individually
3. Connect inverter/chargers with each other using the VE. Bus port (see wiring diagram). 4. Ensure there are no other accessories connected to the inverter/chargers (including Digital Multi Control, Cerbo GX, VE. Bus Smart Dongle, VE. Bus BMS)
5. Turn on all inverter/charger units simultaneously, or in close succession
6. Connect MK3-USB adapter with VE. Bus port from one Inverter/Charger (select any) to your computer
7. Download VE. Configuration Tools here.
8. Run through VE. Configuration Tools setup with defaults selected. Open VE. Configuration Tools folder and select VE. Bus System Configurator.
9. Once program is open, navigate to Configure > Com Port > Auto Detect

10. Run Auto Detect, and you should see the Inverter/Chargers populate in the main screen

11. For parallel configuration, drag and drop each Inverter/Charger icon into the gray box directly to the right of "**L1**". ([see demonstration here](#)).
12. Navigate to Configure > Send Configuration

Congratulations! Your Inverter/Chargers are now configured in Parallel! Note: Before your system is fully operational, you'll still need to program these units. Programming can be done locally or remotely. Please reach out to us at info@rvsolarconnections.com if you have any further questions.