# Virtual switch - Generator start/stop

This document explains one of the ways to automatically start and stop a generator. See here for the other options.

More generator information about using a generator in combination with Victron is available here.

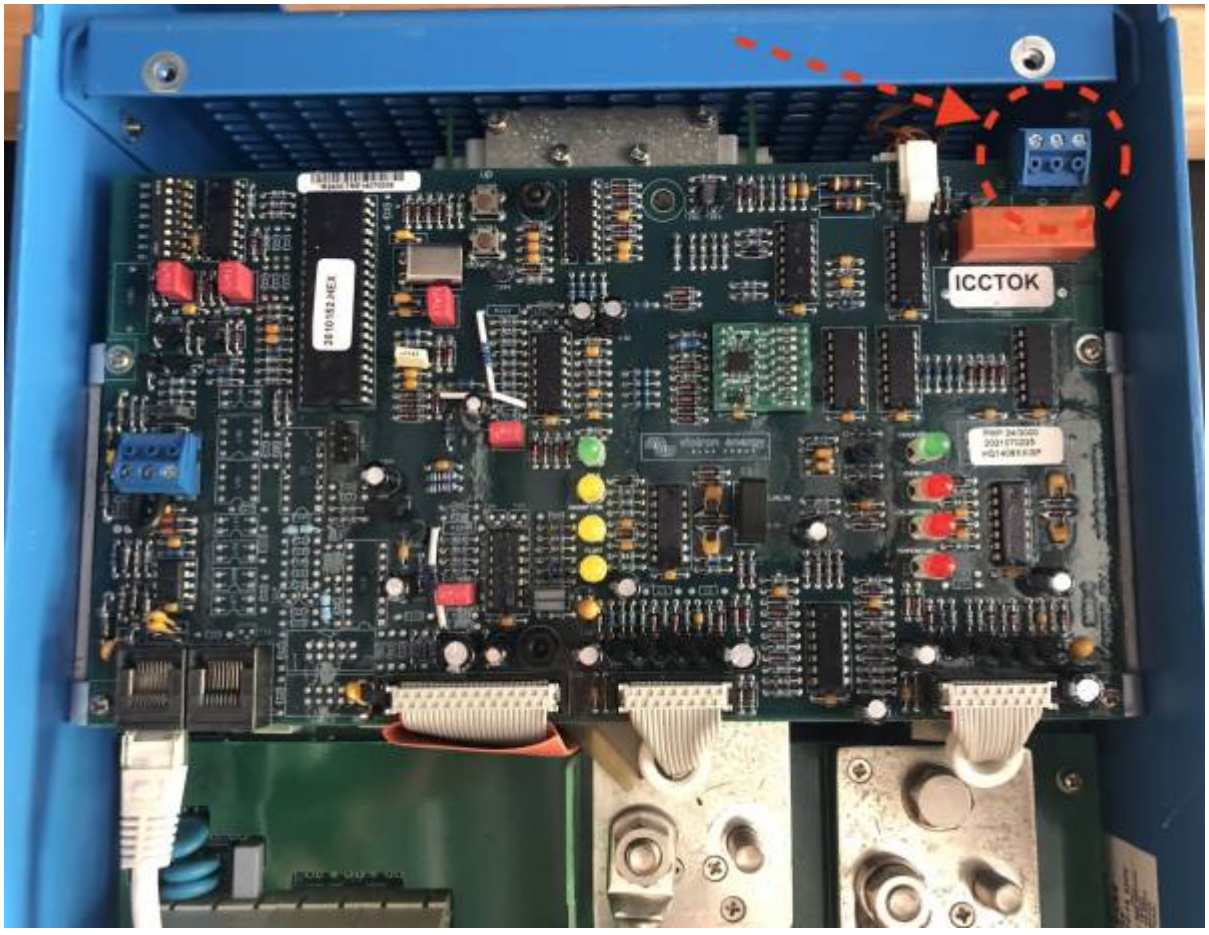
## 1. Wiring

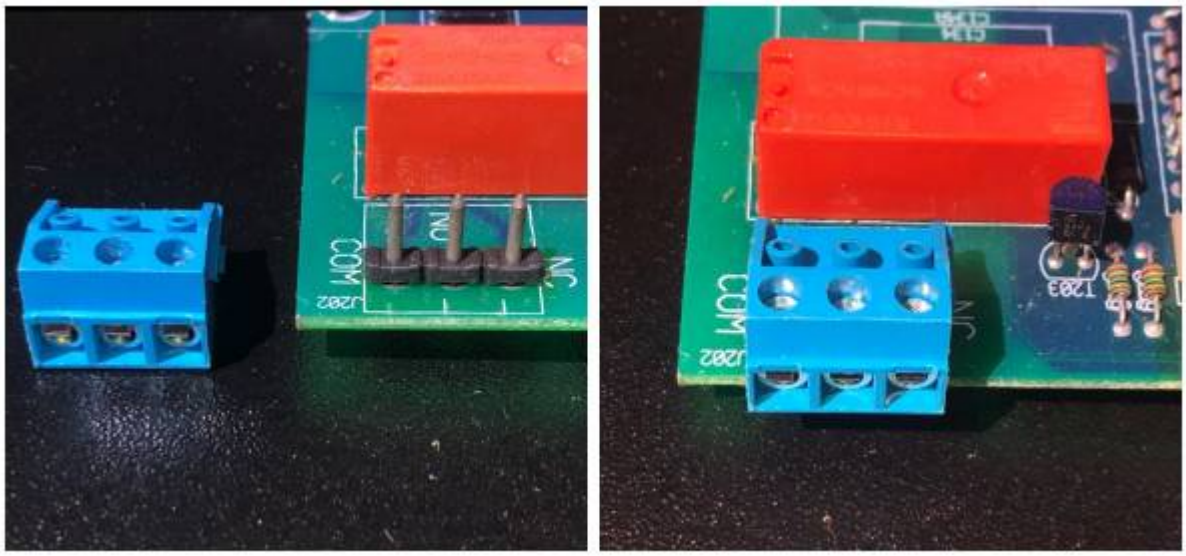
The relay and connector block that needs to be wired to the generator control input is named the Alarm relay; in the various manuals.

### 1.1 MultiPlus and Quattro models of 3000VA and above

To do the wiring easily; be aware that its detachable: you can pull the block off; do the wiring; and then push it back on.

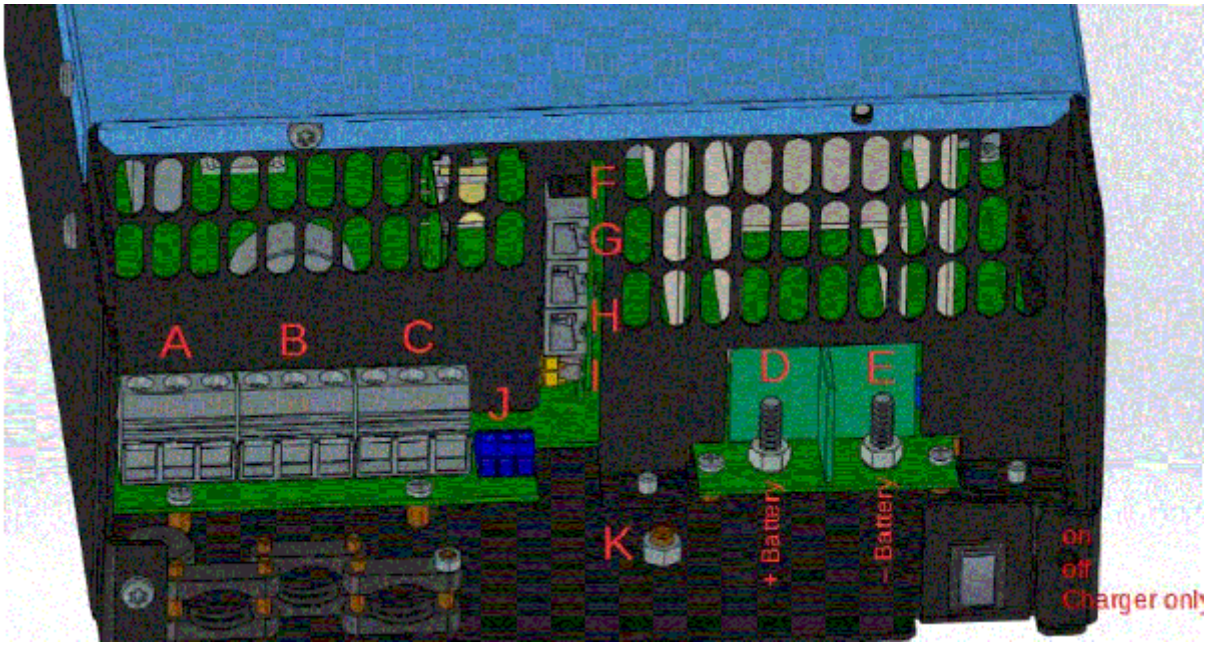
Note that there are three contacts; left to right: Normally Closed (NC) , Normally Open (NO), Common (COM).





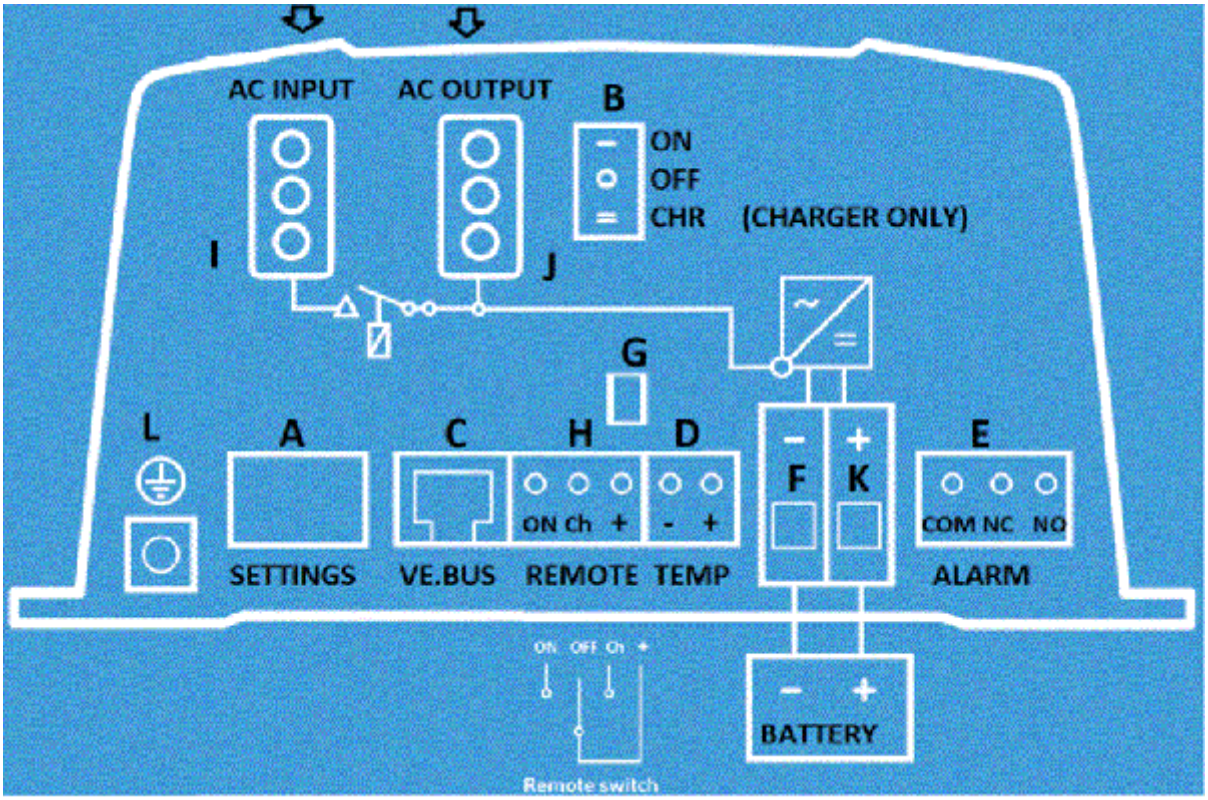

## 1.2 MultiPlus-II models

The connector is J in the picture. Left to right: NO, NC, COM.

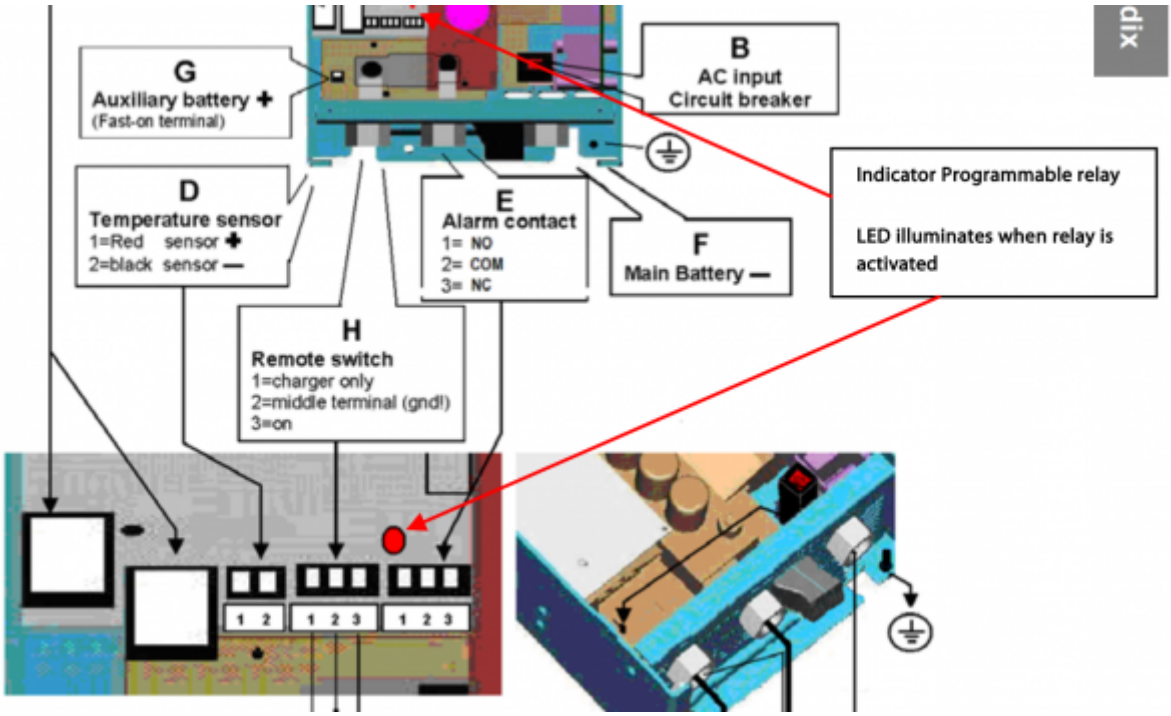



## 1.3 MultiPlus 500VA to 1600VA models

And, on our Multi 500, 800, 1200 and coming 1600, is contact E; here:



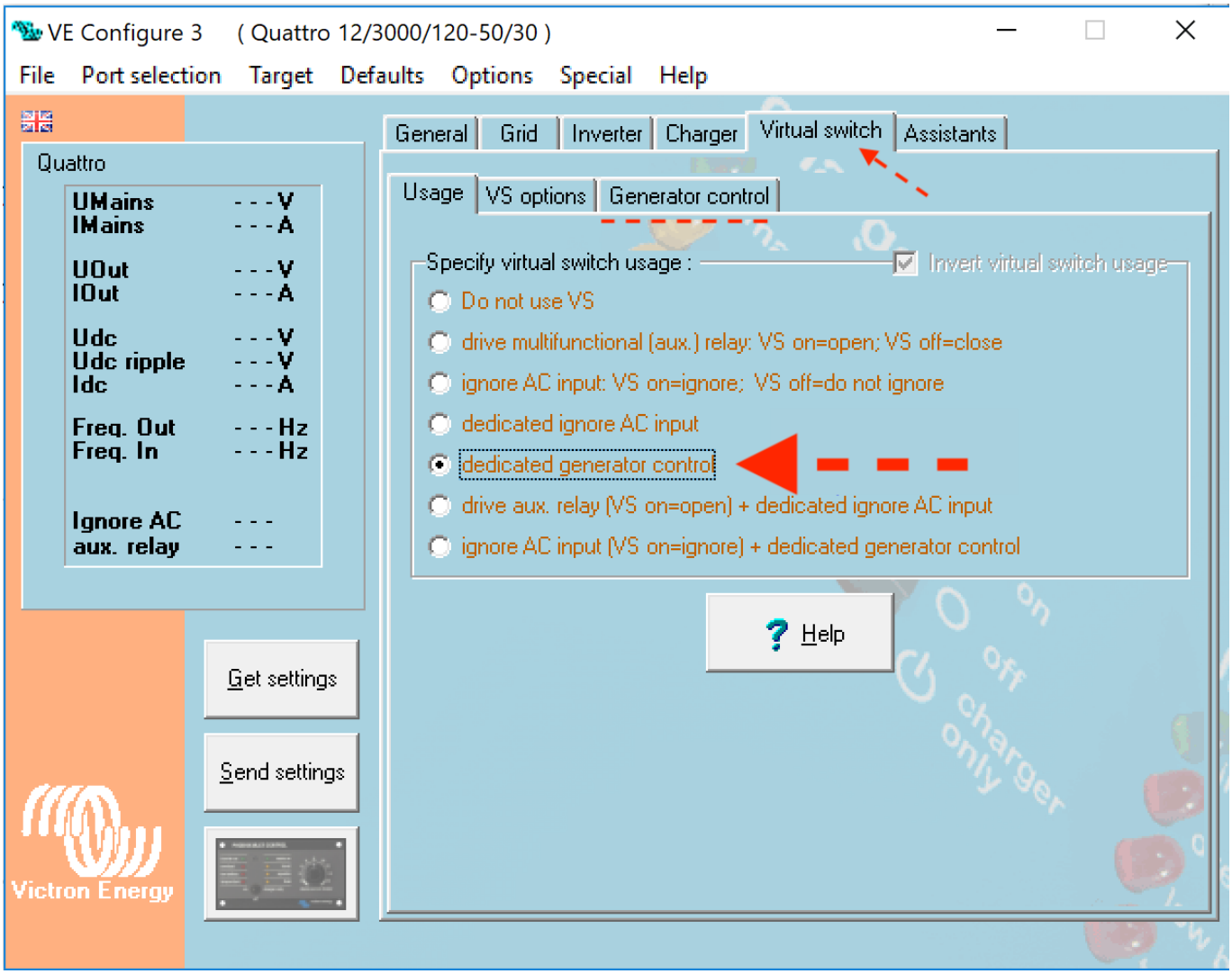

### 1.4 MultiPlus Compact models




## 2. Configuration

### 2.1 enable the feature

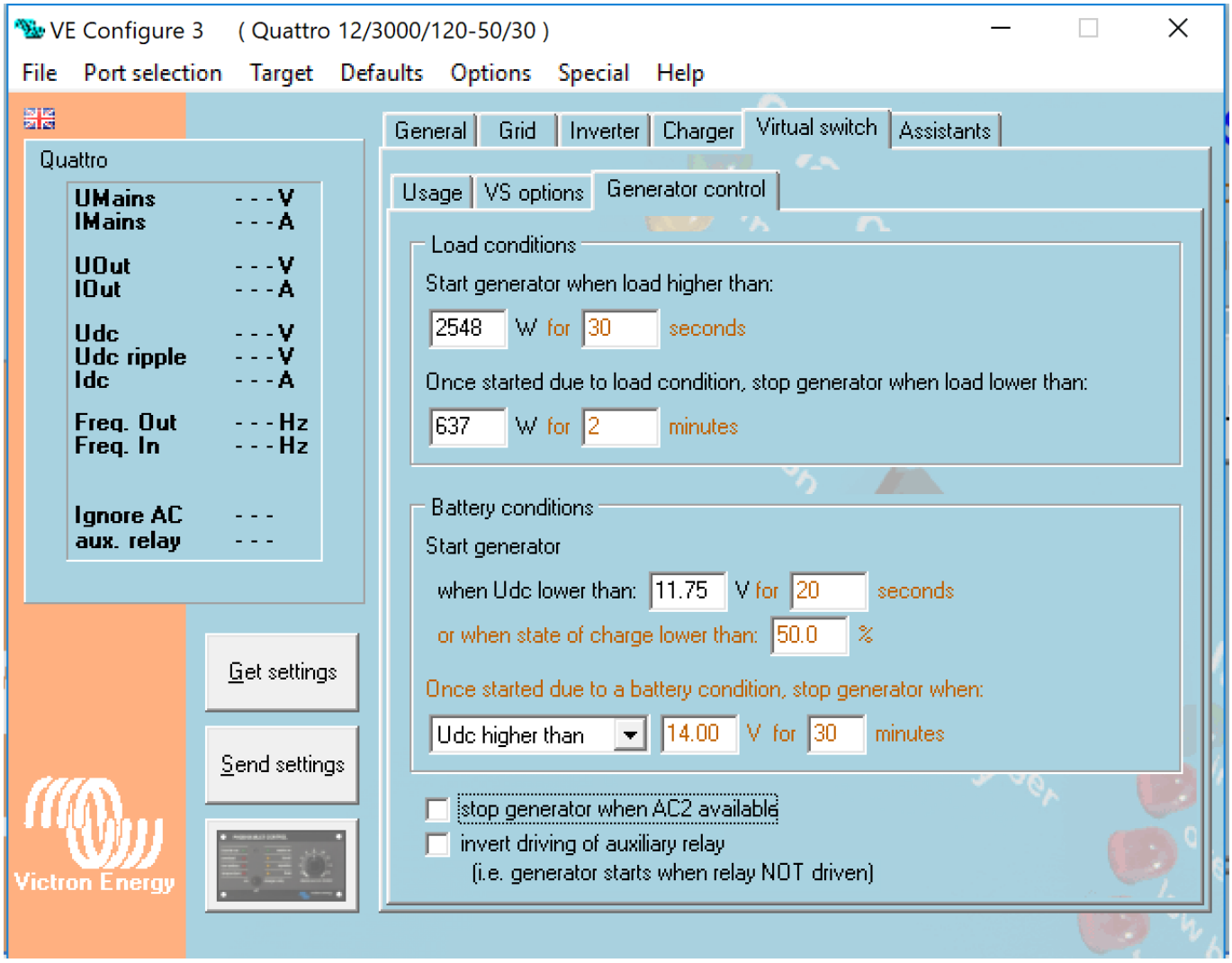
Open VEConfigure, navigate to the Virtual Switch, and there select 'dedicated generator control'.




## 2.2 configure the feature

Note that below are just example values; configure them to the match the type of batteries and rest of system.

The ‘stop generator when AC2 available’ feature is for Quattros; used in a backup system with generator. Wire the generator to AC-in 1; and mains to AC-in 2. With that box checked; the system will automatically stop the generator once mains is available again.




From:
https://www.victronenergy.com/live/ - **Victron Energy**

Permanent link:
**https://www.victronenergy.com/live/ve.bus:virtual-switch-generator-start-stop?rev=1548654023**

Last update: **2019-01-28 06:40**