

Victron Global Remote

Obtaining system information wherever and whenever

www.victronenergy.com



A GSM/GPRS modem

The Global Remote is a modem which sends alarms, warnings and system status reports to cellular phones via text messages (SMS). It can also log data from Victron Battery Monitors, Multi's, Quattro's and Inverters to a website through a GPRS connection. The usage of this website is free of charge.

Simple and easy to use

The idea is simple: you can use it to get SMS alarms from a Multi, a Battery System, or both. When monitoring the usage of batteries, it can be extremely helpful to receive under and overvoltage alarms; whenever they occur. For this purpose, the Global Remote is perfect. A prepaid SIM-card (for example) in combination with the Global Remote is adequate for remotely monitoring your system.

Two serial connections

It has one connection for a VE.Bus Multi/Quattro/Inverter unit/system. This connection needs a MK2 which is supplied with the VGR. The other connection is to connect a BMV-602 Battery Monitor. To connect it to a BMV-602 you will also need the BMV-602 Datalink. The BMV-602 Datalink is an accessory of the BMV-602 which needs to be purchased separately.

Advanced usage: Monitoring historic data

Taking it one step further, an internet browser and -connection is all you need to view all of the data online. You can simply create an account on the website and add your modem(s). Subsequently you can configure the GPRS connection, which will enable you to monitor the historic data of several basic properties such as system voltages, power levels and status information. All of this data is graphed. These graphs are available in daily, weekly and monthly timeframes.

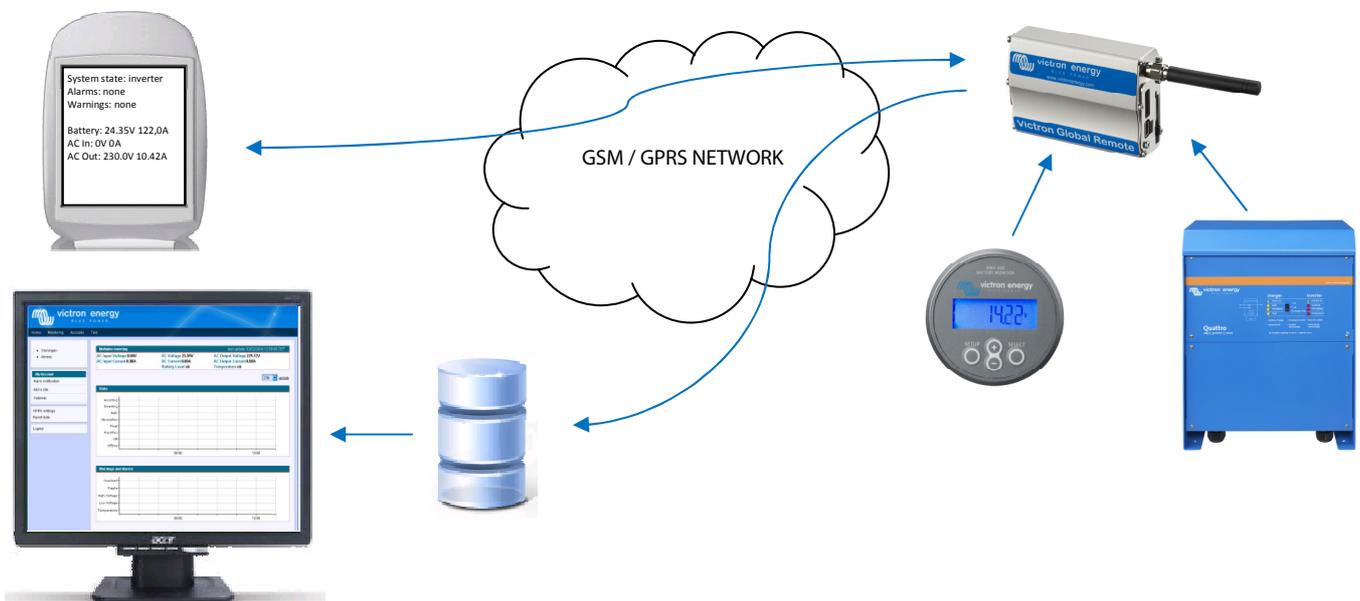
Victron Remote Management

Victron Remote Management is the name of the system which consists of the VGR and the monitoring website. To get a preview: please go to <https://vrm.victronenergy.com>, and login with below details.

Username: demo@victronenergy.com

Password: vrmdemo

System configuration example



Victron Global Remote	
Serial connection (Mk2.2a – included)	Connect VE.Bus Multi/Quattro/Inverter unit/system
Serial connection (BMV-602 Datalink – not included)	Connect BMV-602 Battery Monitor
GENERAL	
Power supply voltage range	5.5 to 32VDC
Current draw (max.)	0.48A at 5.5VDC
Operating temperature range	-30° to 75° C. / -22° to 167° F.
ENCLOSURE	
Dimensions VGR Modem (hxxxd)	73 x 54.5 x 25.5 mm / 2.9 x 2.1 x 1 inch
Weight VGR Modem	89 grams / 3.1 ounces
Body	Aluminum
Installation	Two aluminum mounting bridles
GSM /GPRS	
GPRS data usage	To be defined
ACCESSORIES (ALL INCLUDED)	
GSM antenna	n.a.
Battery cable	With inline fuse
Y-cable	16-way plug to male DB9 + 12-way socket
Male DB15 to female DB9 cable	Including gender changer and null modem add-on
MK2 interface	n.a.



BMV-602

The BMV-602 is our newest high precision battery monitor. The essential function of a battery monitor is to calculate ampere-hours consumed as well as the state of charge of a battery. Ampere-hours consumed are calculated by integrating the current flowing in or out of the battery.



Victron Global Remote to BMV-602 Connection Kit

Cable kit required to connect the BMV-602 and the Victron Global Remote. BMV 602 Data Link included.



MultiPlus Inverter/Charger

The MultiPlus is a powerful true sine wave inverter, a sophisticated battery charger that features adaptive charge technology, and a high-speed AC transfer switch in a single compact enclosure.



Phoenix Inverter

Pure sinwave output, high peak power ad high efficiency. Combined high frequency and line frequency technologies ensure the best of both worlds.



Quattro Inverter/Charger

The Quattro can be connected to two independent AC sources, for example shore-side power and a generator, or two generators. The Quattro will automatically connect to the active source.

Example of graph available on <https://vrm.victronenergy.com>

