Victron & LBSA



1. Product & System compatibility

1.1 A GX device is required, eg Cerbo GX, etc

It is essential to use the BMS-Can (500 kbit/s) connection type of a GX device with these batteries for communication of charge and discharge limits, error codes and state of charge.

Use a Victron Type A VE.CAN to BMS-Can cable to connect the GX device to the battery. The VE.Can labelled end of the cable should be connected to the GX device, even if using a BMS-Can labeled port on a GX device. The BMS-Can labeled end of the cable should be connected to the battery.

It is possible to use either the BMS-Can or VE.Can ports with this battery. Depending which one you

use will require additional configuration on the batteries side, please see the documentation linked below for instructions.

The minimum supported GX firmware version is v3.40. It is recommended to use the latest firmware version on new installations and when trouble shooting issues.

The minimum supported LBSA BMS firmware version is v16.7

Connecting an LBSA battery to the GX device will require manually enabling DVCC, and disabling SVS and STS - please read the

Essential Victron & LBSA product integration document

for more details.

1.2 All 48V Multis, MultiPlus, Quattros and RS models are compatible

The minimum supported firmware version for VE.Bus models is 469. Minimum supported firmware for RS models is 1.16. Updating to the latest firmware is recommended for new installations, and troubleshooting issues.

These VE.Bus inverter/charger units must be connected to the GX device via the VE.Bus connection port.

In grid connected systems, advanced control functions are configurable in the ESS settings on the GX device.

In off-grid systems, the control functions of the Battery Management System (BMS) are built into the latest version of the GX device.

1.3 Solar Charger compatibility

All 48V BlueSolar and SmartSolar MPPT Chargers are compatible.

Some of our Solar Chargers feature a VE.Direct communication port, some feature a VE.Can communication port, and some feature both. Both of these types of communication ports can be used to connect the Solar charger to the GX Device. Such connection is mandatory, because it is used to regulate charge currents and voltages.

2. Minimum battery sizing

For reliable operation there are minimum numbers of batteries required for different Victron inverters. These minimum specifications are documented in

Essential Victron & LBSA product integration document

3. System integration documentation

Essential Victron & LBSA product integration documentation

51.2V 208AH 10.6KWH LBSA User manual

The documents linked above are comprehensive. If additional details about installation and configuration is required please contact your battery supplier.

4. Support

Support for this battery should first come from your battery supplier.

Support from Victron is limited our online Victron Community page.

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

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