

EasySolar-II GX

Introduction

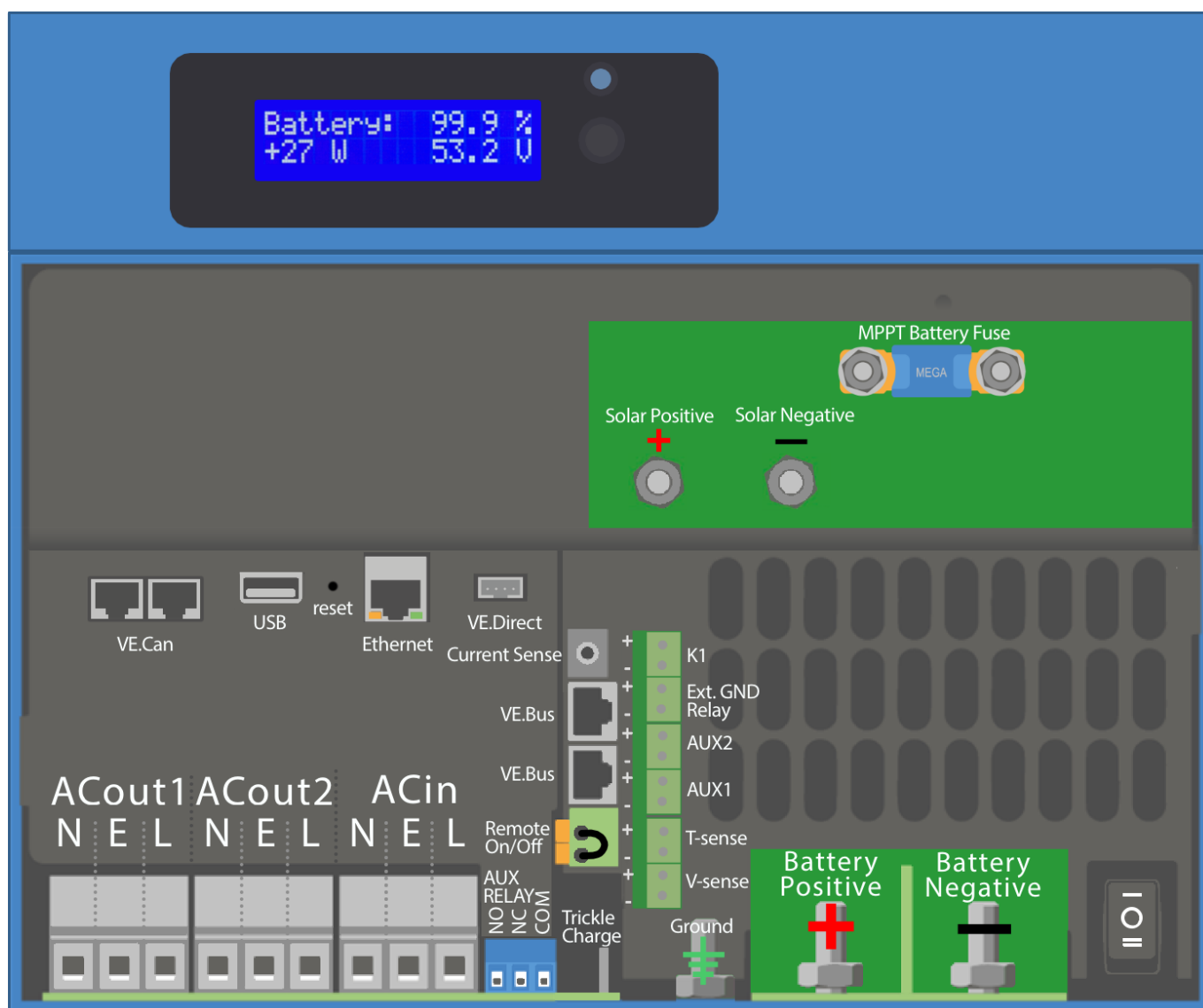
The Victron EasySolar-II GX integrates the following elements:

1. A powerful Multiplus inverter/charger,
2. A SmartSolar MPPT solar charge controller
3. A GX interface with simplified display.

These elements come prewired together inside a single unit. This greatly simplifies most installations, saving time and money.

The EasySolar-II still requires some knowledge and training in configuration.

The individual elements of this system also have their own respective documentation, and it should be referred to and understood before attempting installation.



Configuration and Connections

As the EasySolar is made of different elements, the configuration requires use of several configuration tools.

Integrated 250/70 SmartSolar MPPT solar charge controller with Bluetooth

PV Solar connections up to 250 VOC are made via M6 (?) lugs. There is a replaceable ?????Amp???? ?????type??? Fuse.

The MPPT solar charge controller is programmable in the VictronConnect app via Bluetooth on Android, iOS and macOS, though not Windows at this stage. For full VictronConnect compatibility information with various platforms, please see <https://www.victronenergy.com/live/victronconnect:start>

Be Aware that the VE.Direct port that is located on the EasySolar-II GX is connected to the GX device, not the MPPT. It cannot be used for connection of USB to VE.Direct cable for programming the MPPT.

MPPT programming must be done via a [compatible Bluetooth device in VictronConnect](#).

Multiplus Inverter / Charger

Programming the Multiplus Inverter / Charger requires use of [VEConfigure](#). This can be done locally via an [MK3 USB dongle](#), or over the internet with [Remote VEConfigure](#).

GX Device

The integrated GX device includes a single VE.Can interface. This can be used to connect to either Victron VE.Can devices (eg VE.Can MPPTs) OR the port can be reconfigured via the Remote Console for use with a [compatible CAN-bus Battery](#).

The VE.Direct port is for connection of other VE.Direct devices, such as a BMV battery monitor, or an additional MPPT solar charge controller, so that they can be monitored by the GX.

Wifi built in

No Bluetooth on GX

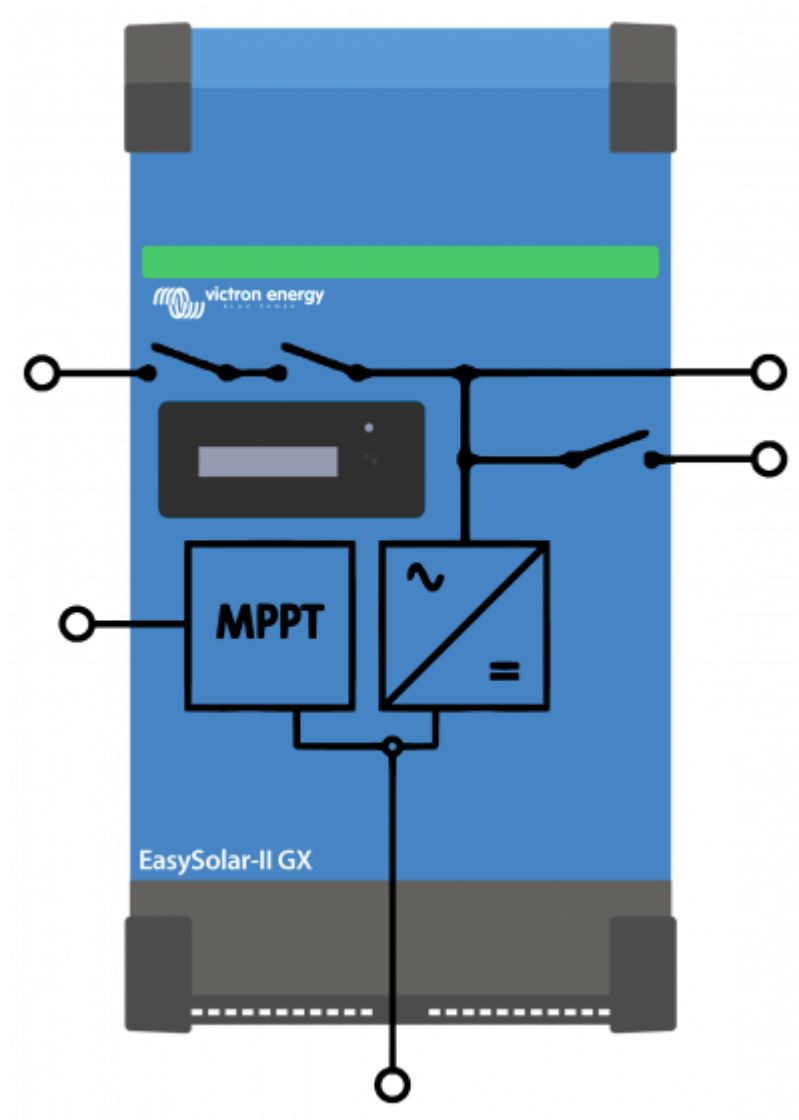
Example wiring diagrams

Intelligent (CANBus) Battery System

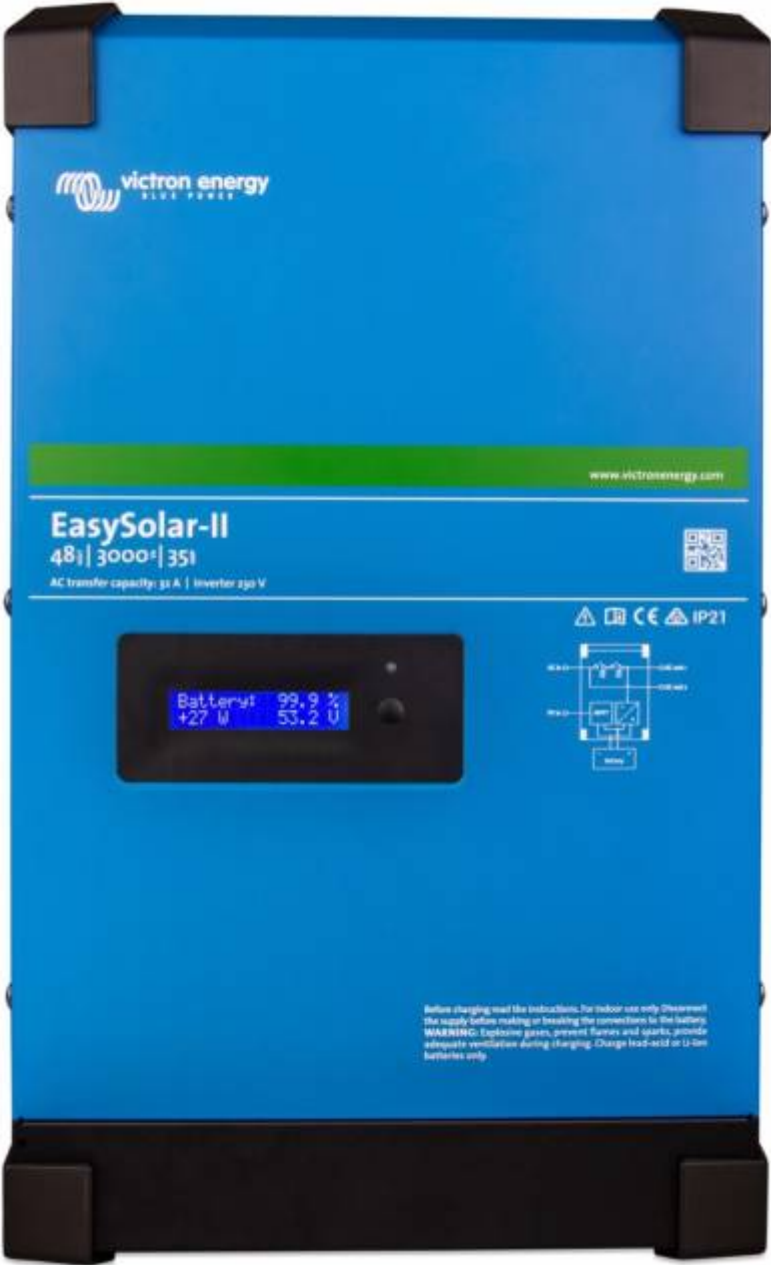
ESS System

Default

Internal Topography



Images





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Last update: **2019-04-10 14:43**

