

VICTRON DRIVER FOR CRESTRON HOME

Revision: 1.00

Date: 22 May 2024

LICENCING

Please visit <https://shop.ultamation.com/index.php/product/226-victron-energy-driver-for-crestron-home/> to obtain a licence key for your Crestron processor.

MODULE DESCRIPTION

Please note that this driver will only work on Crestron Home processors running OS 4 and above.

The driver provides information from your Victron GX device, including information from connected devices, for display in Crestron Home.

The driver will be found under:

Drivers > Energy Automation > Victron

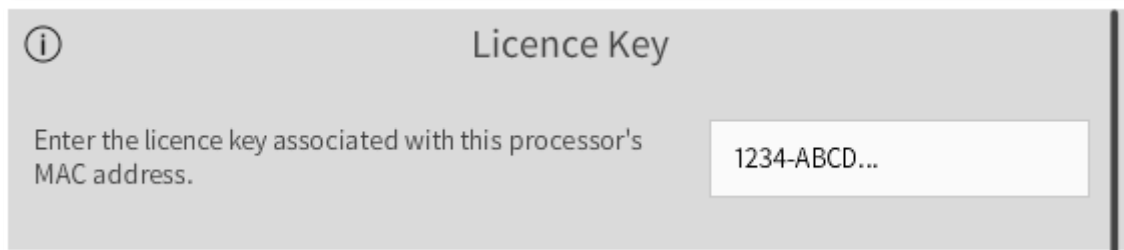
Adding the Driver

Ensure a room is selected, and then click on the '+' against the Victron driver.

You will be asked to provide a descriptive name for the driver – this can be anything you wish. You will also need to specify the following:

- The IP address of the GX device.
- The network port for the GX device. This defaults to 502, and should only be changed if your device is configured to communicate with a different port.
- Gauge bounds for each radial gauge. This is the value at which the radial gauge will appear as full, in watts.

You will also be asked to enter a licence key to ensure that the integration will function after the initial one-hour trial period.

A screenshot of a software interface for entering a licence key. It features a grey header bar with an information icon (i) on the left and the title 'Licence Key' in the center. Below the header, on the left, is the instruction 'Enter the licence key associated with this processor's MAC address.' To the right of this text is a white input field containing the placeholder text '1234-ABCD...'.

Licence Key

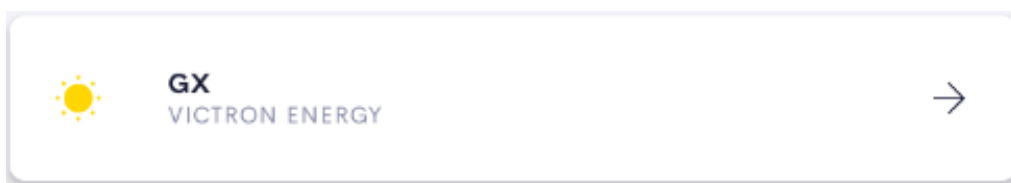
Enter the licence key associated with this processor's MAC address.

1234-ABCD...

The licence key will be emailed to you with your order acknowledgement. The same key can be used for multiple instances in the same system (though different Crestron Home systems will require different licence keys). If you do not enter a valid licence key here, the system will function for 1 hour and then new information will no longer be displayed, and events no longer triggered. The licence key can be entered at any time after initial setup without having to reconfigure each instance.

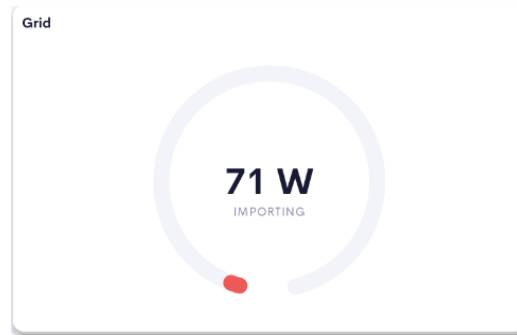
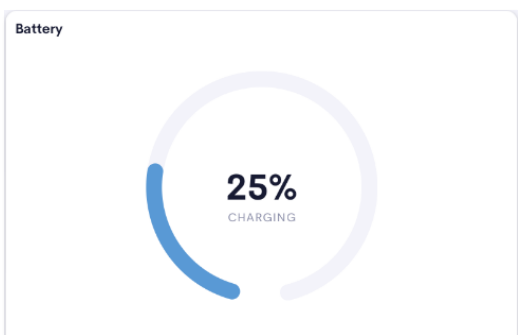
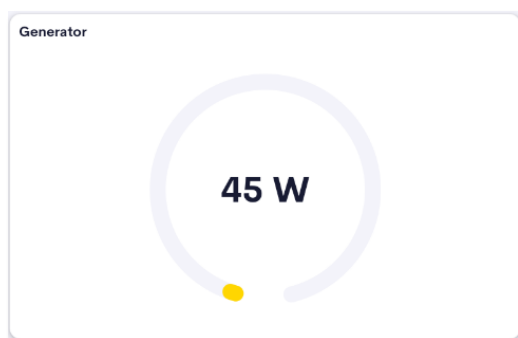
Once added, the driver tile will be visible on the home page in Crestron Home.

User Interface



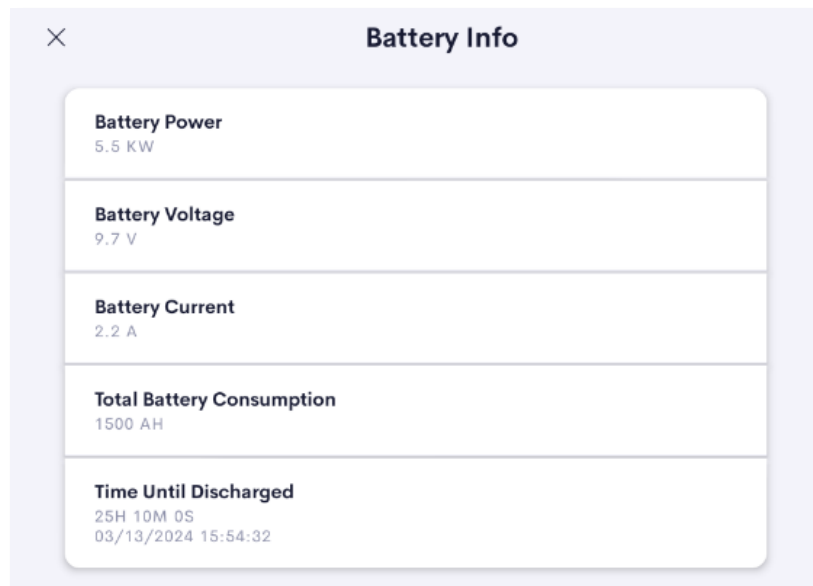
The tile is shown on the home screen in Crestron Home. It will show the name you input when adding the device.

You can press this tile to bring up a view of 4 radial gauges: one each for generation, consumption, battery and grid info.



At the bottom of the page of gauges is a field showing you the currently active energy source. Note that each radial gauge will only appear when the driver receives relevant data for that gauge, for example, the generator gauge will only be made visible when the driver receives generator data from the Victron device. If your victron system doesn't have a generator (or otherwise, there are communication issues with the generator) you will not be able to see that gauge in the UI.

Under the battery percentage gauge there is a button labelled 'Battery Info' that opens a page with extended information about the batteries on your Victron system.



This page shows current data such as the power being supplied to/by the batteries, the voltage and current of the batteries, the consumption of the battery, as well as the length of time until the battery percentage would reach 0 from now. Below this is the date and time at which that would occur.

Events

The driver provides 3 events for use in Crestron Home:

- Battery low (battery percentage goes below threshold)
- Battery no longer low (battery percentage rises back above threshold)
- No current from grid (power cut)

You can find these events under the Actions & Events page, by selecting the room you put the Victron driver in, where it will show up. Selecting it will show these 3 events. You can then link these to actions on other devices – for example, you can turn off devices when the battery is low to save energy.

SUPPORT

If you have any issues with a driver or installation please let us know by contacting Ultamation support on support@ultamation.com and please include as much detail about your issue as possible, such a recent processor error log.

Licence verification messages are posted to the error log, so please ensure you have checked this.

LICENCE

This module (including software, images and any and all other associated assets distributed as part of the purchased download package) is licenced on a PER PROCESSOR basis.

A licence key is generated at the point of purchase and is linked at that time to specific information that MUST be provided at the time of purchase. A purchase should not be completed without correct information as refunds cannot be issued for errors or changes made to details following purchase.

The licence key for each device will be delivered via email along with links to download the module. There is no physical delivery.

The module is provided without any warranty with respect to the reliability of the controlled device or changes to device protocol. We will endeavour, through best efforts, to maintain the module's functionality and any bug fixes will be provided free-of-charge. Additional functionality may be released as a variation of this module and this will be a separate, purchasable, product.