

Energenic

Big Brother Platform Usage Manual

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Purpose	3
General (Important)	3
Detailed data	3
Zooming and Resetting	3
Visual Guide	4
Overview Tab	4
Last Consumption/Yield Update	4
Consumption (gauge)	4
Consumption (pie chart)	4
Solar Yield (gauge)	5
Yield (pie chart)	5
Alerts	5
Hourly Overview (graph)	5
Consumption (graph)	5
Solar Yield (graph)	5
Weekly Consumption (graph)	6
Weekly Yield (graph)	6
Yield Tab	6
Daily Yield Overview	6
Hourly Yield Overview	6
Total Yield	6
External Supply	6
Solar Yield	6
History Tabs	7
Usage:	7
Daily Overview	7
Daily Yield Overview	7
Alert History Tab	7
Monitoring Alerts	7
Alert History	7
Contact and User Support	7

Purpose

This manual serves as a reference guide to the efficient usage of the Big Brother Platform. This manual is a useful aid to assist a user of the platform - if needed.

General (Important)

Detailed data

The values depicted on Big Brother are calculated, collected and some are averaged. The reason for this is to improve the performance and responsiveness of the platform, this being said, the exact value of every second/minute may not be available.

To view a specific data (on a graph which shows multiple values):

- *Click* the value you want displayed on its own (on the **legend** of the graph)
- To display a set of selected values (hold *CTRL* + *click* the values on the legend) this can also deselect values if not wanted.

Zooming and Resetting

In order to reset the values and graphs to their current status, set the time-window to 'Today'.

The time-window can be changed by selecting a '**Quick Range**', a '**Custom Range**', or by **selecting a timespan** on a graph.

Visual Guide



- | | | |
|---------------------------------|---|---|
| 1) History Interval Selector | - | Specifies the history interval |
| 2) History View Window Selector | - | Specifies the history time-window |
| 3) Star Dashboard | - | Add dashboard to Starred Dashboards |
| 4) Cycle View Mode | - | Switch between <i>Normal</i> / <i>Fullscreen</i> / <i>Kiosk</i> |
| 5) Time-window selector
view | - | Select ' <i>Today</i> ' to set graphs to standard
view |
| 6) Time-range zoom out | - | Increase shown data on applicable graphs |
| 7) Refresh Dashboard data | - | Check if new data is available manually |
| 8) Select Refresh Interval | - | Set automatic data refresh interval |

Overview Tab

Last Consumption/Yield Update

Elapsed time since latest data was sent from the Sunny monitoring device/platform. This value **does not change** if the time-window is changed, it is the latest value.

Consumption (gauge)

Shows how many kWh have been consumed currently, if the time-window is changed this will show how much was consumed from the beginning of the last day (within the time-window) up to the last time of that day.

Consumption (pie chart)

Shows the percentages and current of the consumption since the start of that day. If the time-window is changed, the graph will show the current consumed during that period. However if the time-window is over a day, the values will represent only the amount consumed from the beginning of the last day (within the time-window) up to the last time of that day.

Solar Yield (gauge)

Shows the yield, in kWh, that has been accumulated currently, if the time-window is changed this will show how much was accumulated from the beginning of the last day (within the time-window) up to the last time of that day (within the time-window).

Yield (pie chart)

Shows the percentages and current of the Solar Power and Generator yield since the start of that day. If the time-window is changed, the graph will show the yield during that period. However if the time-window is over a day, the values will represent only the amount consumed from the beginning of the last day (within the time-window) up to the last time of that day (within the time-window).

Alerts

Alerts are displayed when:

- An irregularity is found
- A pre-set trigger is reached by a certain value/value pattern

Alerts consist of a:

- Name - Which describes the source
- Message - Gives additional information (if applicable)
- Date - The date and time of the alerts initial activation (when the alert)
- Relative Time - Elapsed time of alert being displayed
- Status - **PROBLEM** alerts are the only alerts which will be displayed here

Hourly Overview (graph)

Displays the hourly Total Consumption and hourly Total Yield of the selected time-window.

Consumption (graph)

Displays the Consumption within the selected time-window.

Solar Yield (graph)

Displays the Solar Yield within the selected time-window.

Weekly Consumption (graph)

This shows the **current weekly consumption** if the time-window is changed, this graph will not show that time-windows values. To inspect the weekly consumption, reset the values (by selecting Today), once this is done, the weekly consumption will be depicted accurately.

Weekly Yield (graph)

This shows the **current weekly yield** if the time-window is changed, this graph will not show that time-windows values. To inspect the weekly yield, reset the values (by selecting Today), once this is done, the weekly yield will be depicted accurately.

Yield Tab

Daily Yield Overview

This graph shows a daily overview of the yield, any time-window less than a day will cause this graph to provide less accurate depictions, thus if a higher detail is required, use the hourly overview.

Hourly Yield Overview

This shows the hourly yield of a selected time-window in hour intervals.

Total Yield

This shows the total yield of a selected time-window.

External Supply

This shows the external supply of a selected time-window.

Solar Yield

This shows the solar yield of a selected time-window.

History Tabs

Usage:

The History tabs use the **History View Window** and **History Interval** selectors in order to generate the graph.

- Daily Overview
- Daily Yield Overview

Alert History Tab

Monitoring Alerts

Displays the currently **ACTIVE** alerts.

Alert History

Displays the history of all alerts.

Contact and User Support

Support Team

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