# Analysis in the Monitoring Platform - Application Note

#### **Revision History**

Version 1.0, October 2024: Initial release

## Contents

Dverview	1
reate a chart	1
nalysis functions	3
Parameters	3
Chart legend	3
Export a CSV file	4
Download a chart image	4
Dataset is too large or too old	4
Add charts	4

## Overview

The Analysis view displays detailed charts and measurements for devices, such as optimizers and inverters in your system, on your site.

## ••• NOTE

Access to the **Analysis** view is only available for Account Engineers and above.

## Create a chart

#### To select a parameter:

- 1. Log in to the <u>Monitoring Platform</u>.
- 2. To access your site, click the **Site Name**.
- Click the Analysis view. The Analysis view is displayed.



Residential Sites V Sites Alerts	Reports Accounts Operations		Old Dashboard 🛛 😨 🔕 🛛 💦 🔹
	Site Name	C. C	Previous Interface
CHART 1 💿 💿 Day		24 🗊	
March consistent families of 51                • ① P1 & Consumption Denma Site (846590)                 • ③ Elimenter (7 (2404257-76))                 • ④ Production Meter (606132278)             ④ Production Meter (80132278)             ④ Production Meter (80141930)             ④ Production Meter (80664271)             ④ Import/Egord Meter (80414930)             ④ Production Meter (806651768)                 ● Production Meter (806651768)                 ● Blantery 1 2 (8027124C)                 ● Blantery 1 2 (8257724C)                 ● D' Chargers                 ● D' Chargers		٨	
<ul> <li>O Meteorological Dita</li> </ul>		Waiting for Selection Please select at least one-item from the component list and one parameter.	Tast

**4.** On the device tree, click the device you want to analyze. The selected device is highlighted in the tree and its available parameters are displayed above the chart area.

### ••• NOTE

If you can't find a device, type your device's name or serial number in the Search field.

Residential Sites Sites	Alerts Reports Accounts Operations	Old Dashboard 🛛 😨 😫 💌
	Site Name	Provisors Interface
CHART 1 O	Image: Day     €     →     Week     ▼       10/22/2024 - 10/28/2024     Image: Day	
Eventh controllevel i form to fill	Chart 1	
Show Disabled		

5. From the parameters displayed, select your parameters. A chart displays your parameters.



Residential Ettes v Sites Alerts Reports Accounts Operations	Old Dashboard   ? 📀   : 🔹
Site Name	Previous Interface
CHART 1 ◎ @ Day ← → Week ~ 10/22/2024 - 10/28/2024	
Broch orreposed name or 351 Chart 1	a 📾 🛌 🗽
V         Ø         PV & Consumption Damo Site (946594)           D         Envertet 1 (1404/357-79)         AC Distance Company         AC Distance Tower         (XMXNR)         (XMXNR)         (XVMape)         AC Vistage         AC Distance Company	
C (2) Meters     Apply To All Inverters     (2) Production Meter (606129278)     X00h	Clear All
() Import/Diport Meter (414795)     () Production Meter (6064271)     ()     () mort/Diport Meter (6064270)     ()	Ze Production - Energy     Enverter 1
♥ (3) Storage (3) Battery 1.2 (6307124C)	
>>         Tr(Oharget 1 (05752H7704))         €           >>         >>         C Entrometral	
- the Meteorological Data	
· · · · · · · · · · · · · · · · · · ·	
2	
0 201 2001 2001 2001 2001 2001 2001 200	

- 6. **Optional**. From the **Date Range** field, select the date range to display on your chart. The default date range is one week.
- 7. **Optional**. Select the type of chart to view *of the chart*. The default is a line chart.
- 8. To enlarge the chart, click 🛄

## Analysis functions

#### Parameters

- For further information about a parameter, hover over the parameter for three seconds or more, and a tooltip is displayed.
- To apply parameters to multiple devices of the same type, tick the Apply to all <component> checkbox under the parameters.
- A maximum of two parameters can be displayed on each chart on a maximum of two Y axes.

#### Chart legend

- The chart legend is displayed on the right-hand-side of the chart.
- Devices within the chart's legend are grouped by their parameters. The parameter name is displayed and all devices that share this parameter are displayed under the parameter name.
- To remove a parameter's data from the chart, uncheck the parameter's checkbox on the legend. The parameter's data is removed from the chart for all devices that share this parameter. To reenable the parameter, click the parameter's checkbox.
- To remove a device's specific parameter from the chart, uncheck the device's checkbox on the legend. To reenable the device, click the device's checkbox.
- To delete parameters and devices on the legend, hover over them and click X.
- Hovering over a parameter on the legend highlights the parameter name and the line or bar on the chart.

#### solar<mark>edge</mark>

*T* To clear your selection, click **Clear All** above the legend.

#### Zoom level

- Users can zoom in to the date range by dragging the cursor across the chart. This date range is based on the X-axis projection.
- *T* To reset your chart to the original resolution, click **Reset Zoom** on the chart.

#### Export a CSV file

1. Click

The Export to CSV file popup is displayed. (look at this on Figma)

- 2. **Optional**. In the **Date Range** field select the date range. The default is the selected period in the chart.
- 3. **Optional**. In the **Data Resolution** field, select the data resolution. The default is the resolution selected in the chart.
- 4. Click Export.A CSV file with the chart data downloads to your computer.

#### Download a chart image



The system generates a jpg file with the current chart image.

#### Dataset is too large or too old

If you select a dataset that is too large, or the dataset is too old to generate a chart, a **Dataset Too Large** pop-up is displayed.

Dataset Too La	arge	×			
The requested data includ large and/or too old. We w download the CSV file.	des a time range vill send you an e	that is either too email with a link to			
Data Resolution					
Current Resolution	~				
Send Email To					
Email					
Please note, sending the CSV file takes up to 10 minutes. The download link is valid for 24 hours.					
	Cancel	Export			

- 1. **Optional**. In the **Data Resolution** field, select the data resolution. The default is the resolution selected in the chart.
- 2. **Optional**. In the **Send Email To** field, select an email address to send the CSV file to. The default is the current user's email.
- 3. Click Export.

Within 10 minutes, the system emails the user a link to download the exported data. This download link is only valid for 24 hours.

#### Add charts

1. Click  $\stackrel{(+)}{\rightarrow}$  above the device tree.



## solar<mark>edge</mark>

 Select the device checkbox. You can add parameters to the new chart.