

SUNNY PORTAL/ SMA CLUSTER CONTROLLER



Creating a Page for the Visualization of the Active Power Feed-in at the Grid-Connection Point

Requirements:

- Your system must be registered in Sunny Portal (see Cluster Controller user manual).
- A measurement source (e.g. SMA Energy Meter) must be installed at the grid-connection point and provide measured data to the Cluster Controller.

Procedure:

1. Call up your system in Sunny Portal.
2. Select **Configuration > Visualization**.
 - The **Group Configuration** page opens.
3. In the **Create User Defined Pages / Groups** area, select the **[New Page]** button.
 - Page templates open.
4. Enter the desired page name.
5. Select the page template **Page with one diagram**.
 - The **Page Configuration** page opens.
6. In the drop-down list **Module type**, select the entry **Diagram**.
7. Select **[Create]**.
8. Configure the first channel for the Y1 axis of the diagram:
 - In the **Y1 axis** area in the **PV Systems/Devices** drop-down list, select the entry **Current PV system**.
 - In the **Channel** drop-down list, select the entry **Power [kW]**.
 - Select **[+]**.
9. Configure the second channel for the Y1 axis of the diagram:
 - In the **Y1 axis** area in the **PV Systems/Devices** drop-down list, select the desired Cluster Controller.
 - In the **Channel** drop-down list, select the entry **System effective power at grid connection point [kW]**.
 - Select **[+]**.
10. In the **Unit** and **Value** drop-down lists, select the desired entries.
11. In the **Chart type** drop-down list, select the entry **Line**.
12. In the **Time settings** area, select the desired time settings.
13. Select **[Save]**.
14. Select **[Save]**.
 - The diagram has been created and is displayed.