

Custom AC isolators, DC isolators and meters

In Easy PV you can add custom AC isolators, DC isolators and meters. Each of these will be available to select in the electrical task.

To add a custom component in Easy PV navigate to **My Components** on the left-side menu or **Components** from the top drop down menu and select the type of component you would like to add.

Creating a component

Click the orange + **New [component type]** button to create a component. You will need the **datasheet** from the manufacturer so that you can input the correct technical specifications of your product. This is a list of product information required:

General

Here you can enter product information that will appear when you go to select the component in your project.

Product info	Description
Name	Name shown across Easy PV. Usually the manufacturer and model.
Manufacturer	Company that makes this product.
Model Number	Manufacturer's model or part number.
Price	Price of the product.
Description	Notes shown when selecting this product.

Product info	Description
Product Image	⚠ You must save your component before you can add a product image.

Electrical

Here you can enter the technical specifications of the product. The details required will be different depending on the type of component.

Technical info	Description
AC Isolators	
Max Current	Maximum continuous current in amps (A).
Type	3-Pole for single phase, 4-Pole for three phase.
DC Isolators	
Type	2-Pole switches one string. 4-Pole can switch two strings in parallel.
Current/voltage rating pairs	Current in amps (A), Voltage in Volts (V). Click + Add row to enter another pair.
Meters	
Max Current	Maximum continuous current in amps (A).
Type	Single-phase or three-phase supply.
Hybrid	Tick if compatible with hybrid inverters.

Admin

Set optional controls here.

Control	Description
Wholesale ID	Optional: For products supplied by Midsummer, put the product ID here.
Component priority	Optional: Decides which component is recommended or listed first. A higher number wins. Blank or 0 is the lowest priority.
Owner	⚠ This will be set to 'My account' when you create a new component. You can share or change ownership after you save, if you want others on your team to have access to it.

Click **Create** to save the component. Once you have added a component successfully, you'll be able to select it in the list when creating a new project in the Electrical task.

Editing a component

Select the component you want to update from the list and click the  **Edit** button in the top-right corner. This will allow you to modify the product details and set some additional information:

Add a Product Image

You can upload an image of the product in the **General** tab.

Upload Documents

Go to the **Documents** tab to upload files such as data sheets, MCS certificates, installation guides, warranties, maintenance records, user guides, or ENA certificates for the component.

Select the **Document type** from the dropdown and choose a file from your computer to upload.

General

Electrical

Documents

Admin

Document type

Datasheet (required)

▼

Choose a file to upload

Choose file

No file chosen

Uploaded files

No documents uploaded yet.

Set Ownership

Go to the **Admin** tab and select an **Owner** from the dropdown. This controls who in your organisation has the rights to see or edit this specific component:

Owner ⓘ

My Account ^

My Account

My Team

- **My account:** Only you can see and edit the component.
- **My team:** Everyone on your team can see the component. Only team owners and admins can edit it.

Filters

Meters 🔍 Search

Filter



Grid view

+ New meter

+ Meters ▾	Max Current ▾	Phases ▾	Manufacturer ▾	Owner ⓘ ▾	Visibility ▾
☐ SolaX M3-40 Smart Meter	100 A	Single phase	SolaX	User	You

The component list can get quite large now that it displays both the global Midsummer database and your custom library in one unified view. You can apply filters to sort your workspace:

Filters

Clear all

Show

Core Site Team User

Type

3-Pole 4-Pole

Manufacturer

1 available

🔍 Search 1 manufacturers...

☐ Katko 1

Show hidden ☐

Show view-only components ☐

- **Filter by Owner:** Narrow your list down to see only components belonging to a specific ownership group (Everyone, Site, Team, or You).

- **Filter by Type:** Sort your list by component specifications.
- **Filter by Manufacturer:** Group components together by the specific company that manufactured them.
- **Show Hidden:** Tick this box to reveal components that you or your team have previously hidden.
- **Show View-Only Components:** Toggle this option to view components that you have access to use in your designs, but do not have permission to edit (such as centrally managed Core components).
- **Clear All:** Click this button at any time to reset all search queries, checkboxes, and filters back to the default view.

FAQs

❑ Why isn't my custom component showing up as an option in my project?

- If you can see a meter inside your Component Editor but it doesn't appear as an option when you are working on an active project design, it is failing one of these four rules:
 - **It isn't compatible:** If your project design isn't compatible with this specific product, you won't see it as an option. Check the specifications you have set in the 'Electrical' tab for your component.
 - **It has been hidden:** Hiding a meter removes it from your dashboard view *and* completely disables it from the Electrical task selection. Check for hidden components by clicking **Filter** and toggle on 'Show hidden'.

Still Need Help? / Want to know more?

- **Live training:** [Book onto a live demo session](#) to see this feature in action
- **More guides:** Take a look at our [component guides](#)
- **Contact Support:** If you've got further questions, get in touch with our support team at **help@easy-pv.co.uk** (UK) or **help@easy-pv.ie** (IE). *If you are experiencing a bug, to help us look into your issue faster, please include the email address of your account, the name of the project and screenshots of any unexpected behaviour*