Custom solar panels

To add a custom panel in Easy PV navigate to **My Components** > **Solar Panels** on the left-side menu or **Components** > **Edit Solar Panels** from the top drop down menu.

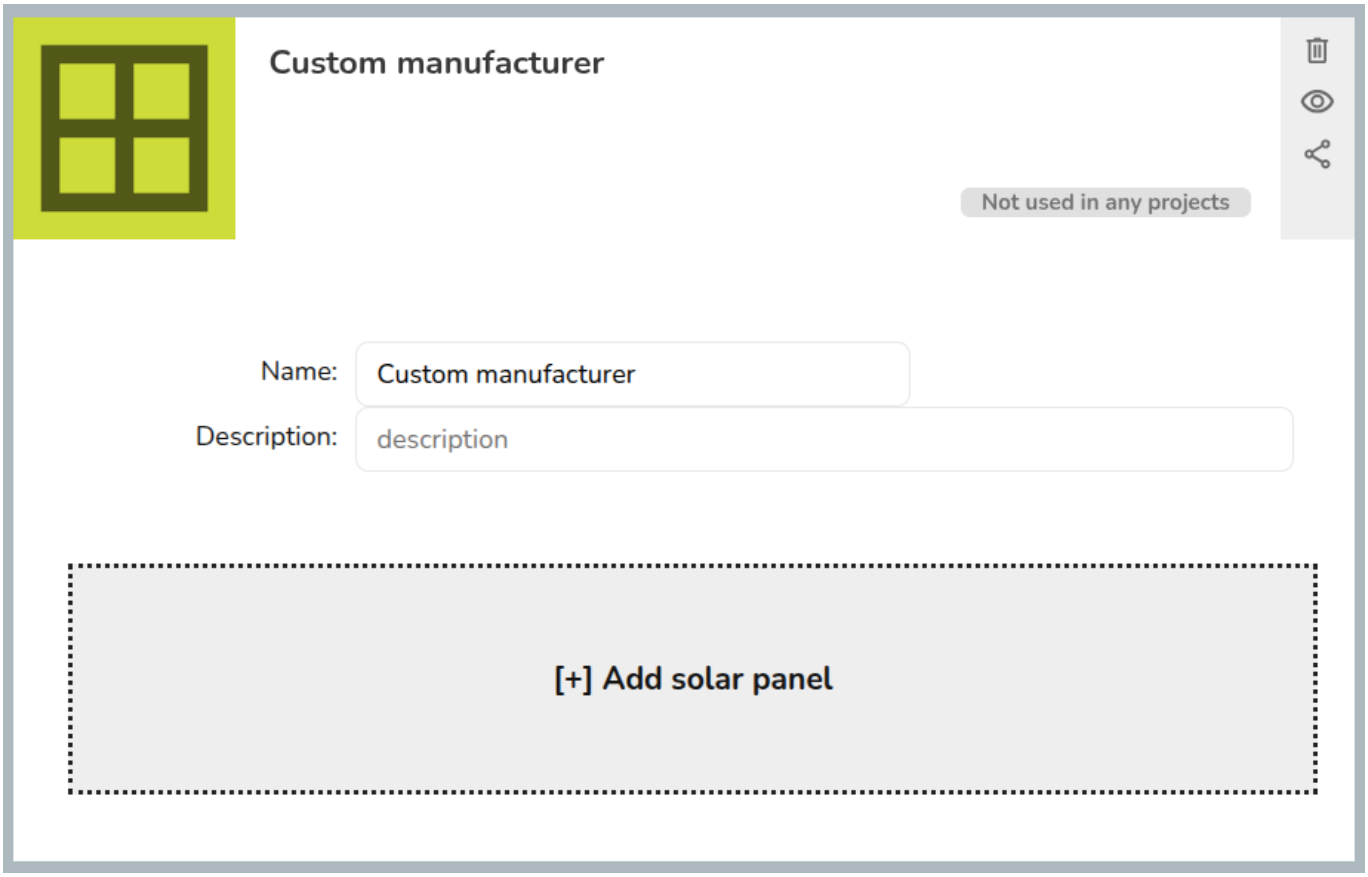
You will need the **datasheet** from the manufacturer so Easy PV can appropriately perform calculations for inverter sizing and system output. Below you will find guidance on how the information in the datasheet corresponds to the values Easy PV asks for.

Creating manufacturer

When adding any custom panel in Easy PV you first need to add a custom manufacturer category which allows you to organise your custom components. The components added will be categorised by their manufacturer when it comes to select them in a project.



After inputting the name for the manufacturer, re-open your custom manufacturer and you will see the additional option to add a solar panel.



Inputting information from datasheet

You will then need to input the technical information found in the datasheet for the panel. If your data sheet has two sets of data you should use the values for **standard test conditions (STC)** not the values for Normal Module Operating Temperature (NMOT). This is a list of potential variations for each value required to add a custom panel:

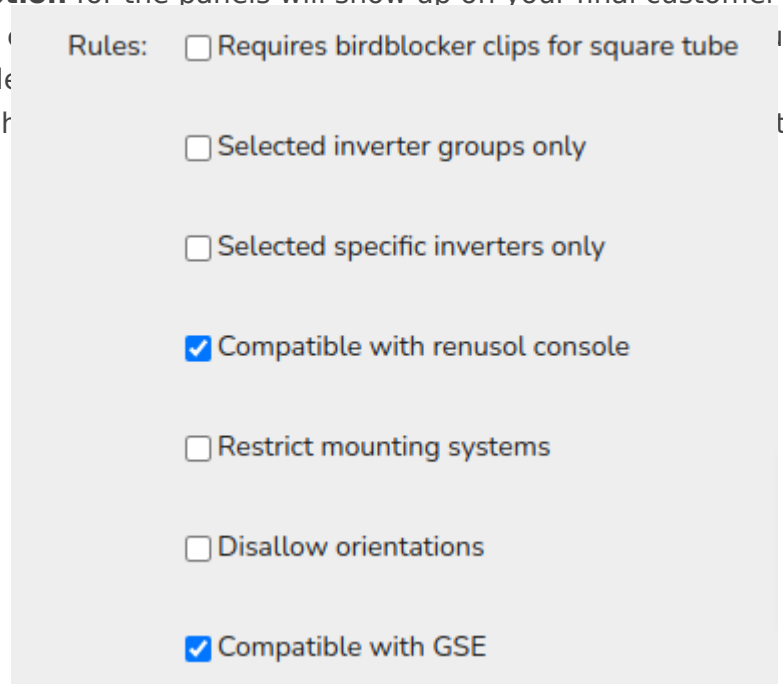
Technical info	**Variations**
Power: power of the panel at STC in Watts	• Peak Power Watts • Maximum Power Pmax • Power at MPP
I_{sc}: short circuit current of the panel at STC in A	• Short Circuit Current • Short Circuit Current Isc
I_{mpp}: maximum power point current of the panel at STC in A	• Maximum Power Current • Current at MPP
ΔI_{sc}/°C: the temperature coefficient of the panel short circuit current	• Temperature Coefficient of I_{sc}
V_{oc}: open circuit voltage of the panel at STC	• Open Circuit Voltage

V_{mpp}: maximum power point voltage of the panel at STC	• Maximum Power Voltage • Voltage at MPP
ΔV_{oc}/°C: temperature coefficient of the open circuit voltage of the panel	• Temperature Coefficient of V_{oc}

The panel will auto-save once all the required fields are completed. Once you have added a panel successfully, you'll be able to select it in the list of panels when creating a new project in the panels task, listed under your custom manufacturer name.

Additional details and rules

- The **photo** and **description** for the panels will show up on your final customer proposal, to edit the image of the ılt image and upload from your file
- There is a set of rules wh the default settings for new panels:



Still Need Help?

- **Related FAQs:** Check out our Custom components FAQs for answers to common questions
- **More guides**: Take a look at our Creating components guides
- **Live training:** Book onto a live demo session to see this feature in action

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.

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