Custom components

If your problem is not addressed here, it likely will be covered in our detailed custom component guides.

- Can I add components that aren't listed on Easy PV?
- I have added an inverter in 'My Components', but it won't let me allocate any panels. How do I fix this?
- I have selected a custom inverter and it isn't showing the right number of strings. How do I fix this?
- I added a hybrid inverter to ‘My Components’ but can’t add a battery to it in the inverter task.
- I added a battery in ‘My Components’ but it isn’t showing up as an option in the inverter task.
- How do I set up an all-in-one inverter?
- GSE showing as not compatible with my panel but I've checked that is it compatible - why?
- How can I share components with other people in my pro team?

Can I add components that aren't listed on Easy PV?

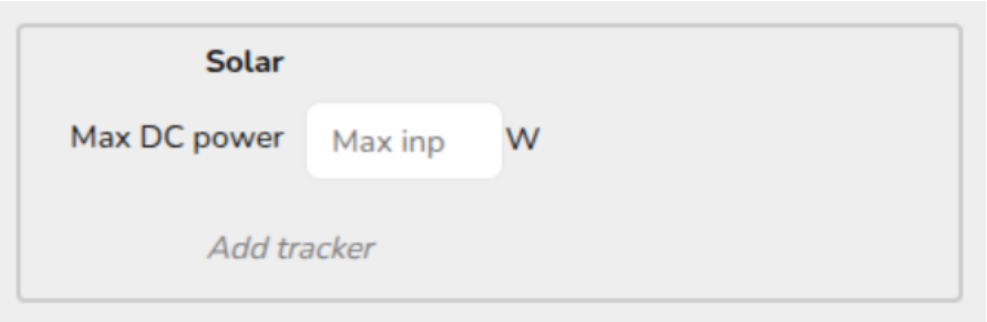
Yes, for instructions on how to add different components, please read our full component upload guide.

Note, you are not able to add custom optimisers or mounting systems due to the complexity involved in integrating these into the software.

I have added an inverter in 'My Components', but it won't let me allocate any panels. How do I fix this?

If your inverter looks like this, it means you haven't added any MPPTs.

Navigate back to **My Components** and open the inverter you have added. Under the **Solar** section make sure you have added trackers, if you have not added them the **Solar** section will look like this:



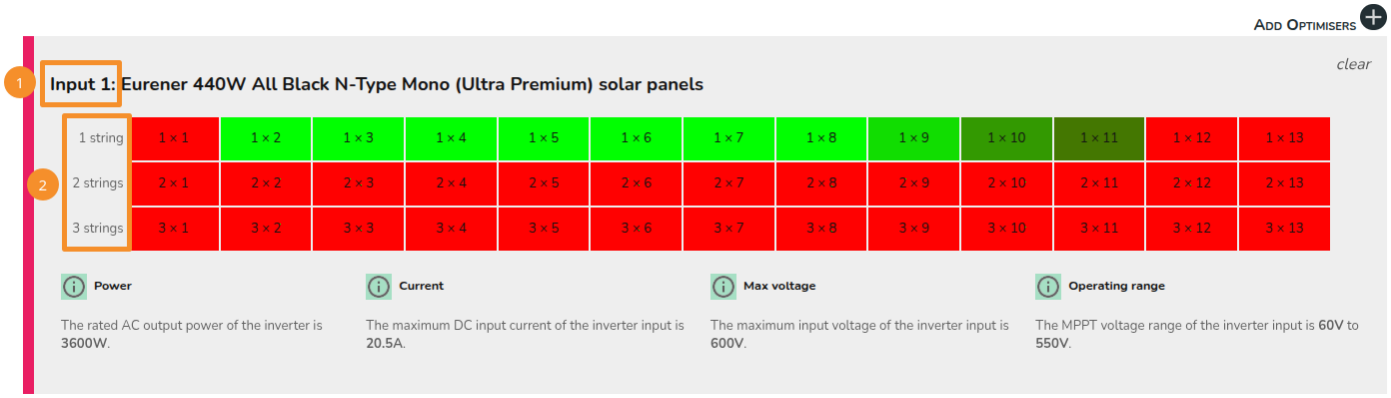
Check on the manufacturer’s datasheet to see how many trackers there are for the inverter.

Click the ***Add tracker*** option in the solar section on the right and input the relevant information. Once this is filled in you will be able to allocate the panels to each input.

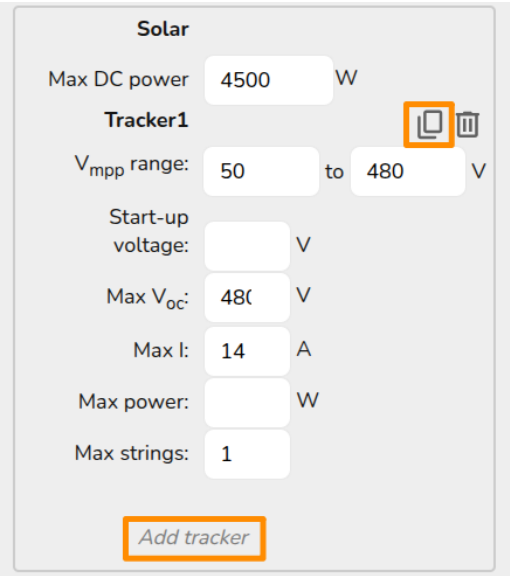
I have selected a custom inverter and it isn't showing the right number of strings. How do I fix this?

On each inverter, you can see:

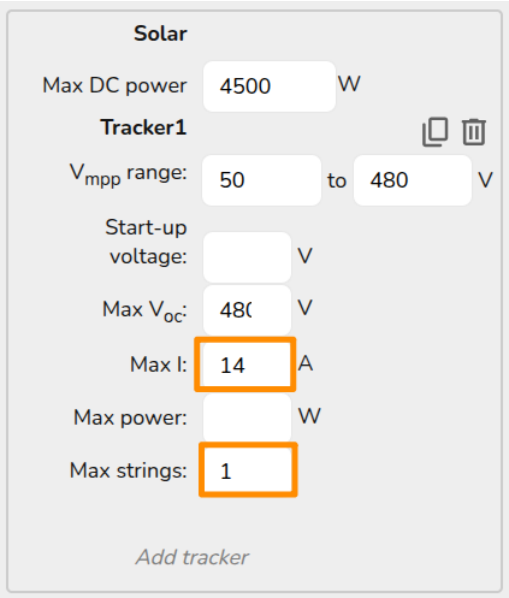
1. The number of MPPTs (inputs)
2. The number of strings on each MPPT



If the number of **MPPTs** is incorrect, you need to add more trackers in the **Solar** section of your custom inverter. The number of inputs will correspond to the number of trackers in this section.



If the number of **strings** is incorrect, you either need to adjust the number of allowed strings or check the current value in the **Solar** section of your custom inverter.


Solar
Max DC power
4500
W
Tracker1
V_{mpp} range:
50
to
480
V
Start-up voltage:
V
Max V_{oc}:
48(
V
Max I:
14
A
Max power:
W
Max strings:
1
Add tracker

I added a hybrid inverter to ‘My Components’ but can’t add a battery to it in the inverter task.

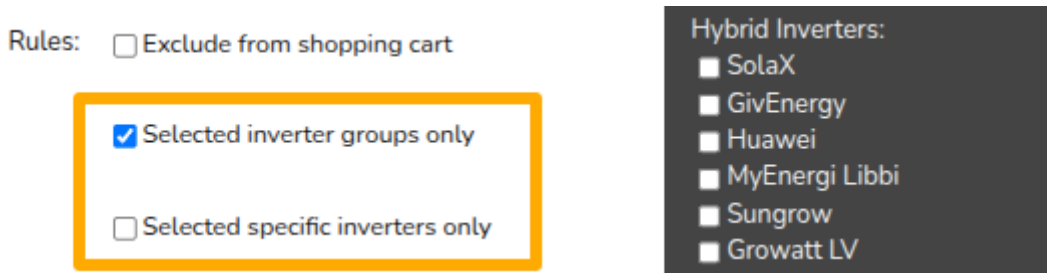
If you are trying to use custom hybrid Inverter and battery components - you will need to make sure you have added the battery as its own component. This is true even for all-in-one systems.

You can do this under **Components** > **Edit Batteries**. For more detailed instructions, take a look at our guide to setting up batteries in Easy PV.

I added a battery in ‘My Components’ but it isn’t showing up as an option in the inverter task.

When you add a battery component, you must ensure that you have set the compatibility with your custom inverter category or specific inverter:

1. Create battery component
2. Under battery rules select '**Selected inverter groups only**' or '**Selected specific inverters only**'
3. Click on the text to show the different inverters and select the check box under your relevant inverter group or inverter

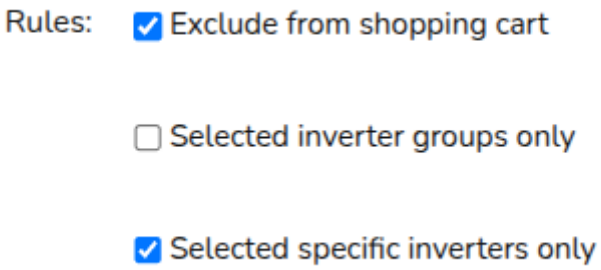


If this does not resolve the issue or now too many the options are showing in red, you will need to look at the **max battery capacity** value in the **Battery** section of the hybrid inverter and compare this with the **battery capacity** of your custom battery.

How do I set up an all-in-one inverter?

To add an all-in-one inverter, follow these steps:

1. Set up a custom **hybrid inverter**
2. Set up a custom **battery**
3. Once you have set up the battery, under the battery rules select:

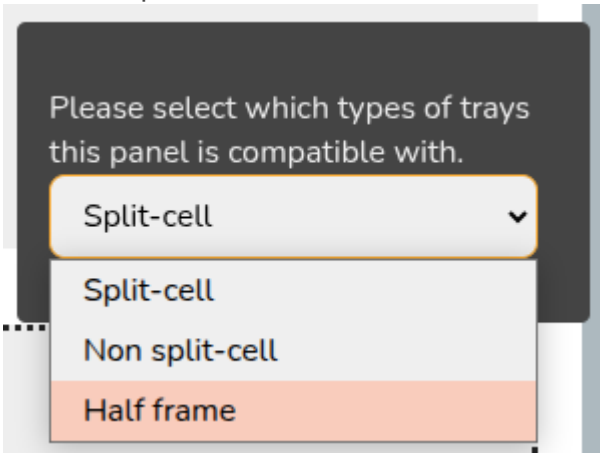


- ***Selected specific inverter / inverter groups only*** and select the all-in-one hybrid inverter: this is what tells Easy PV to display the battery as an option when you add the inverter.
- ***Exclude from shopping cart***: This means the battery will not be listed separately on the quote. Note if you select this rule, only the price listed on the hybrid inverter will be factored into the quote, meaning if multiple batteries can be selected the price will need to be changed manually.

GSE showing as not compatible with my panel but I've checked that is it compatible - why?

Open up the details for your custom panel and follow these steps

1. Click the text 'Compatible with GSE'
2. In the drop down menu select 'half-frame'

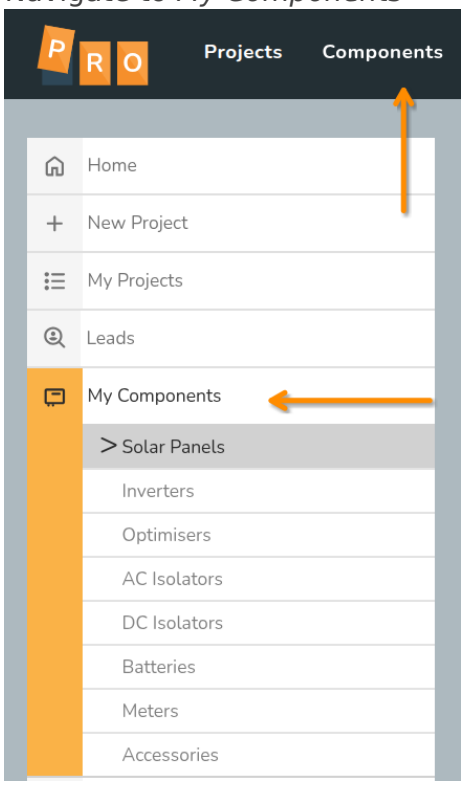


Then the panel will be compatible with the GSE frames we have in Easy PV!

If it still doesn't show as compatible, it likely doesn't fit with the frames we have in Easy PV.

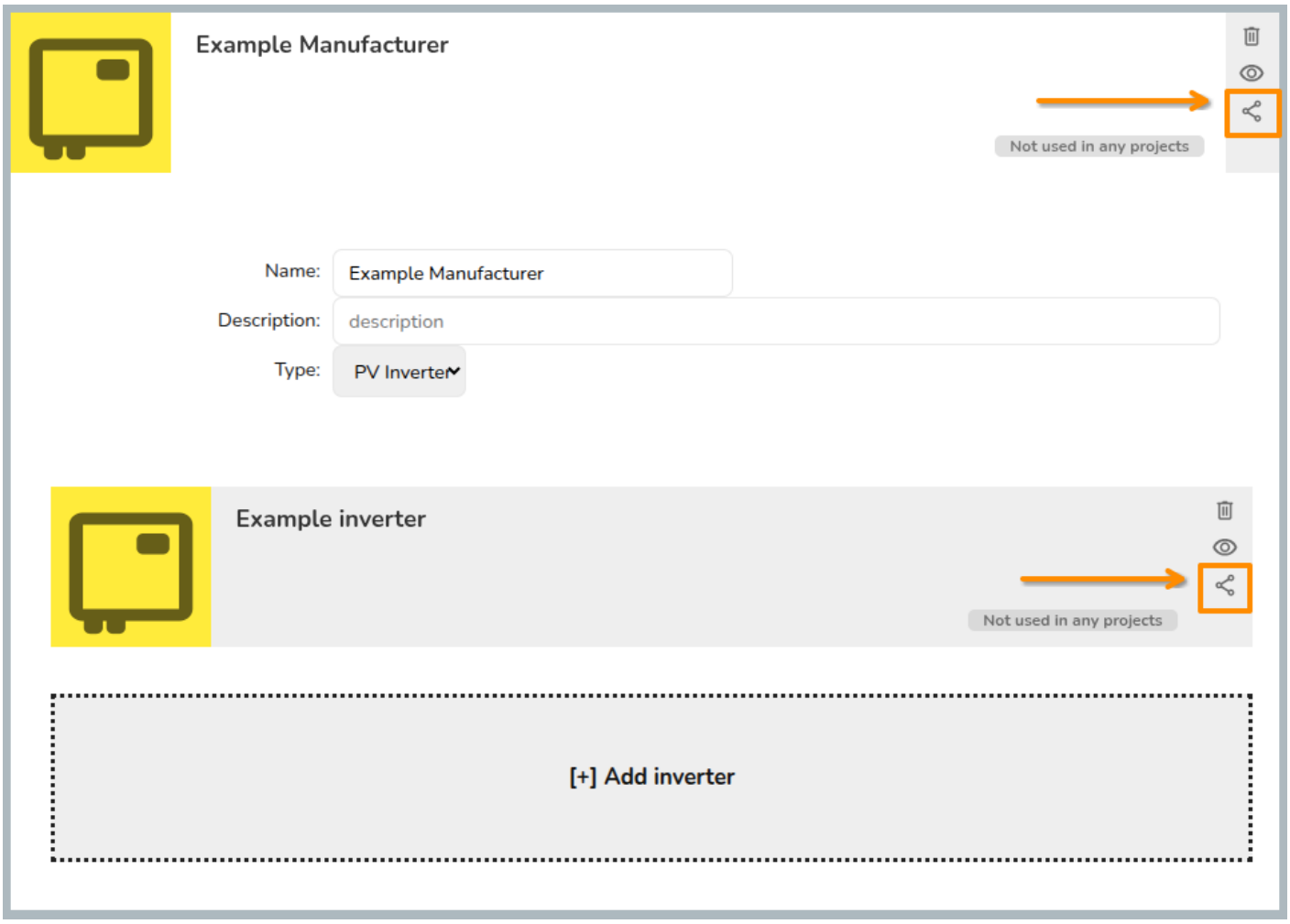
How can I share components with other people in my pro team?

1. Navigate to *My Components*



2. Select the component type and component you want to share
3. Click the  to bring up the sharing permissions menu
4. Select the permissions you'd like to give
5. Click **Save**

For inverters and solar panels, you will need to make sure you share both the manufacturer group and the individual components.



Read more about sharing projects and components.