Custom components

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

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- [I added a battery in 'My Components' but it isn't showing up as an option in the Inverter task.](#)
- [I added a hybrid inverter to 'My Components' but can't add a battery to it in the Inverter Task.](#)
- [I have added a new inverter in 'My Components', but I'm unable to allocate panels to its inputs. How do I fix this?](#)
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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 of how these are integrated into the software.

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 checked the appropriate checkbox to set its 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.
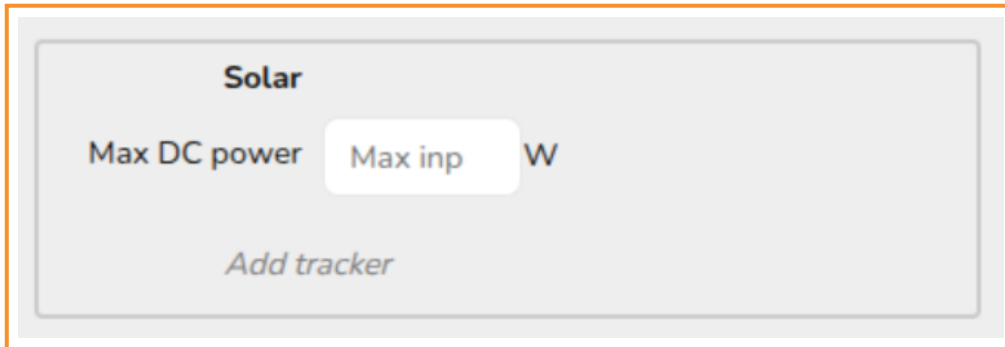
I added a hybrid inverter to 'My Components' but can't add a battery to it in the Inverter Task.

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. You can do this under **Components** > **Edit Batteries**.

Make sure you select the checkbox under 'Rules' to set its compatibility with your custom inverter category!

I have added a new inverter in 'My Components', but I'm unable to allocate panels to its inputs. How do I fix this?

When you add an inverter and are having difficulty, you will need to 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 the input.

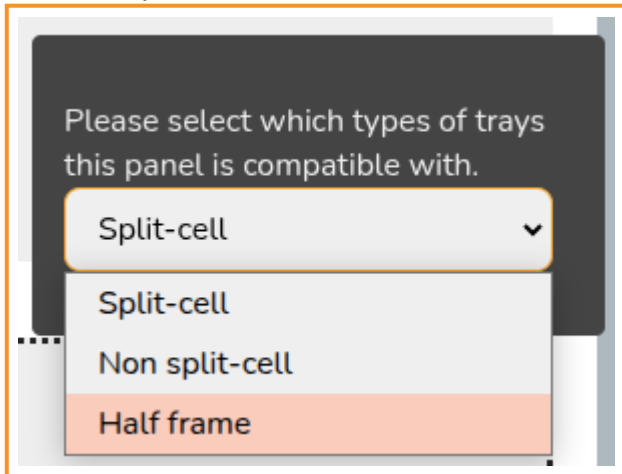# I can't allocate my panels to an inverter - all the options are red.

When all of the allocation options are red, Easy PV has determined the panel/inverter combination is not electrically viable. This means that the technical specifications of either the panels or the inverter are out of the range of the other.

Easy PV will outline any electrical issues in red text to make you aware of why it is not compatible. For a custom component this could mean one of the values you have input is incorrect so it may be worth reviewing the datasheet and cross referencing with our component upload guide.

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!