

Panels task

After your [roofs have been created](#) and selected, the next step is to add panels to them. This is done in the Panels task. In this task you **choose the panels**, the **layout** and the **mounting system** you'd like to use.

Choosing a panel

When you open the panels task, you'll be prompted to select a panel to use. Select from the **manufacturers on the left** and then from the **individual panels in the middle**. You may need to scroll up or down to see the individual panels.

Can't find what you're looking for? Add [custom panels](#).

Once selected, on the right you can see the **specs for the panel** and [Midsummer stock and price information](#). Click on the Midsummer box to view the full listing with datasheets, warranty and more.

Click *Select* in the bottom right once you've chosen your panel

The screenshot shows the 'Choose a solar panel' interface. On the left, a list of manufacturers includes Eurener, Jinko, Longi Solar, SolFIT, Trina, * COMMERCIAL PANELS *, AIKO, InstaGen, and Meyer Burger. An orange arrow labeled 'Choose manufacturer' points to this list. In the center, a list of Trina panels is shown, including 'Trina Vertex S+ 445W Dual Glass Full Black N-Type Mono', 'Trina Vertex S+ 445W Dual Glass N-Type Bifacial with Clear Backsheet', 'Trina Vertex S+ 450W Dual Glass Black White N-Type Mono', 'Trina Vertex S+ 450W Dual Glass Full Black N-Type Mono', 'Trina Vertex S+ 450W Dual Glass Full Black N-Type Mono (Traceable)', and 'Trina Vertex S+ 455W Dual Glass Black'. An orange arrow labeled 'Choose panel' points to this list. On the right, a detailed view of the 'Trina Vertex S+ 450W Dual Glass Full Black N-Type Mono (Traceable)' panel is shown. It includes a 'Specs' table, a 'Distributors' section for 'MIDSUMMER', and a 'Select' button. An orange arrow labeled 'View specs' points to the specs table, and another orange arrow labeled 'View stock levels and your pricing info' points to the distributor information.

Specs	
Power	450W
Dimensions	1762 × 1134mm
Frame	30mm black
V _{oc}	52.90V
I _{sc}	10.74A
V _{mpp}	44.60V
I _{mpp}	10.09A

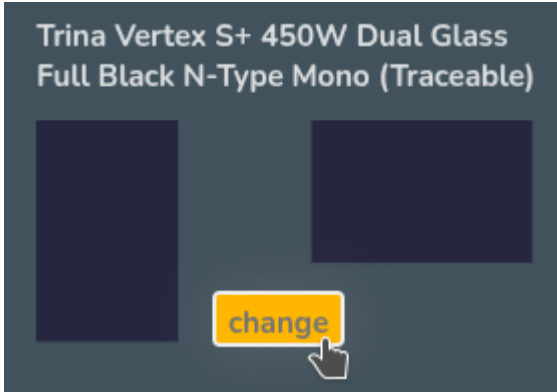
Distributors

MIDSUMMER
5196 currently in stock
Your price: £74.20

Select

[Connect your Midsummer Wholesale account](#) for accurate pricing. Not registered? [Sign up here](#).

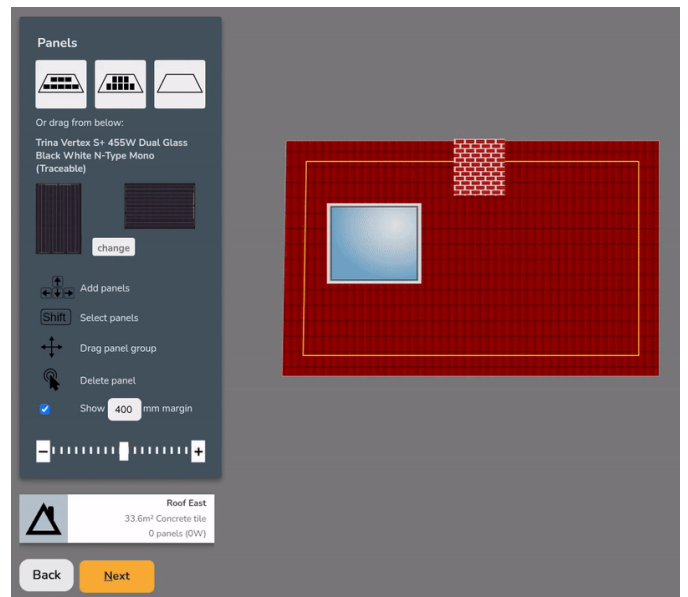
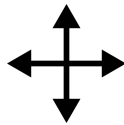
Once you have selected a panel, you can click *change* on the leftside menu to reopen the panel menu.



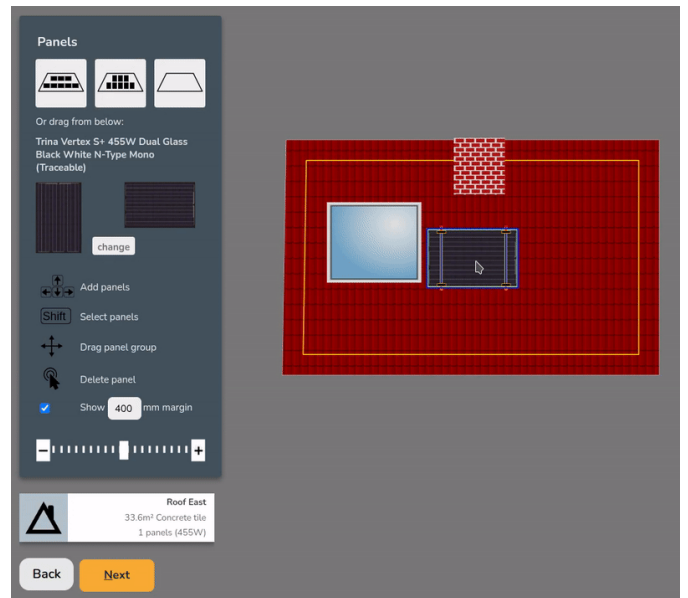
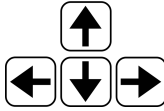
Creating panel layout

There are three ways to **add panels** to a roof:

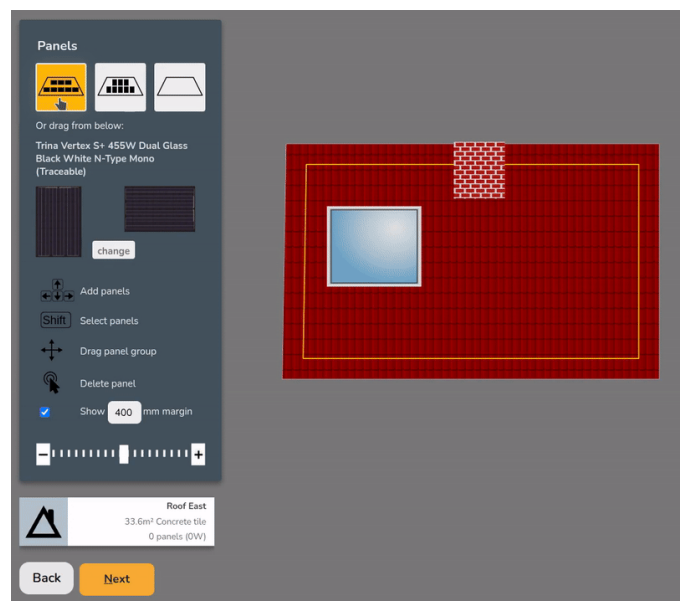
Drag and drop to place panels individually



Click on a panel and use the **arrow keys** to add adjacent panels



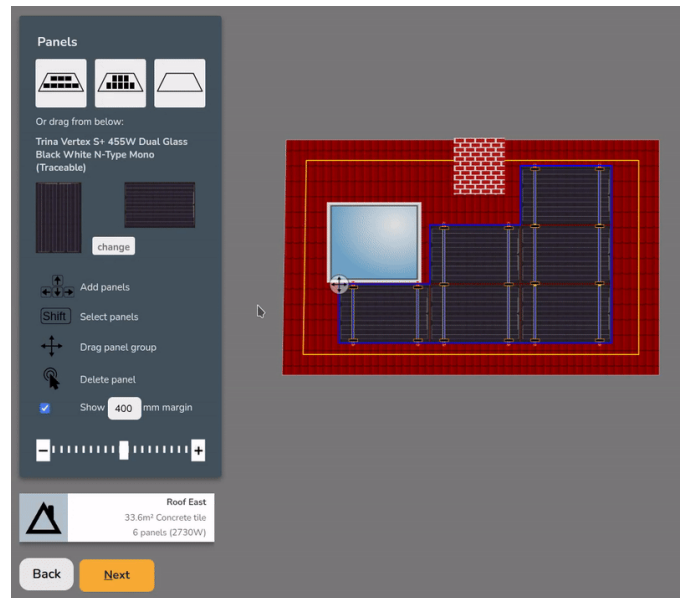
Click **auto-fill** options to fill the roof with portrait or landscape panels



Auto-fill options will avoid obstructions and place as many panels as possible within the configured margin.

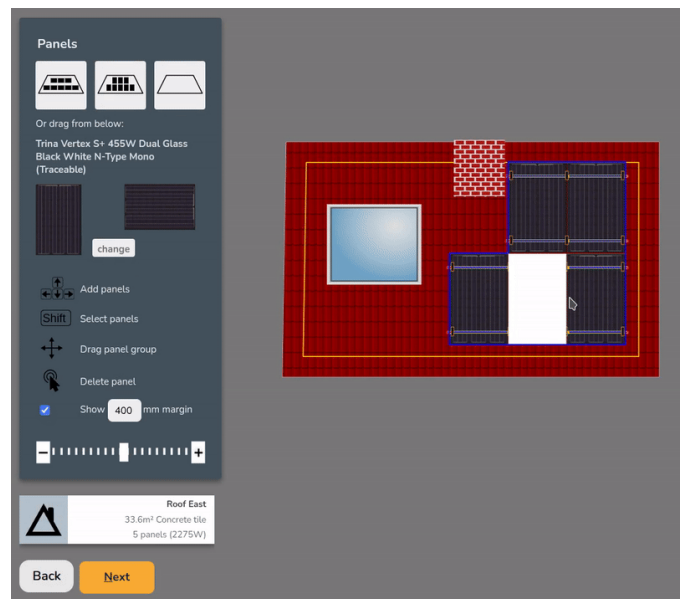
To **remove** panels, you can:

Double click to remove an individual panel

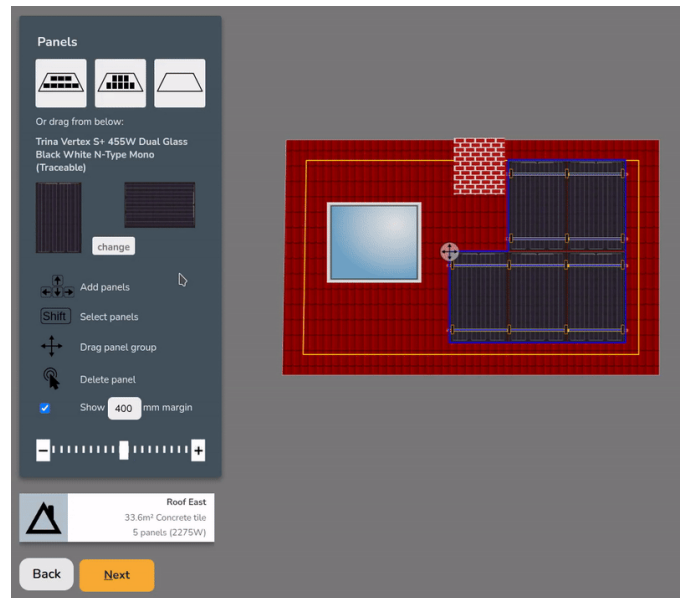
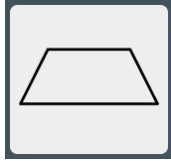


Shift + Click + Drag to select multiple panels and
Delete/Backspace to remove them

Shift



Click the **clear roof** option to remove all panels








Choosing a mounting system

Once the roof has panels on it, you can choose from the available mounting options on the right. The mounting options displayed will be compatible with the **roof** and **panel size and layout**.

When selected, Easy PV will specify the necessary mounting components. Depending on the mounting system, you may also have additional options to **configure the components** further (rail colour, preferred hook, bird blocker etc.).

Mounting system

Mounting components

	Renusol black universal end clamp	12
	Renusol black universal mid clamp	6
	Renusol black end cap	12
	Renusol landscape RH1 pantile roof hook (with fixings)	18
	Renusol silver rail 3600mm	5

Preferred hook:

Genius FlexiFlash

Run rails:

NOTE: You may be able to use fewer RH1 roof hooks for this design – please see the structural task to change the number of roof hooks.

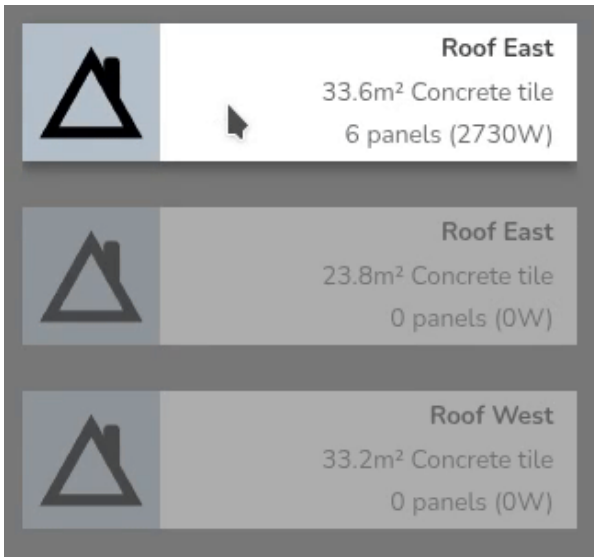
Bird Protection:

This mounting kit list does not take into account structural considerations. Adjustments needed to the number of hooks can be calculated in the **structural task** (UK only) or otherwise.

If the mounting system you want to use is not available, select *No mounting*. For flat roofs, you will have additional options to [configure the panel layout](#), including east-west options.

Multiple roofs

Use the list on the left to navigate and configure the panel layout for each roof.



Once all roofs are completed click *Next* onto the inverter task.

Revision #21

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