

# Solar panel hole position



 **TAX FREE**    

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



**ENERGY STORAGE SYSTEM**



## Overview

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Most manufacturers recommend keeping holes within 6-8 inches (15-20 cm) from the center, but here's the twist: optimal distance varies like pizza toppings. Thin-film panels might tolerate 10-inch offsets, while heavy bifacial modules demand tighter 4-inch margins. Pre-drilled holes are typically found in the aluminum frames, allowing for secure attachment to mounting systems. Different mounting systems exist, including roof-mounted, ground-mounted. Most modern solar panels feature pre-drilled holes in their aluminum frames.

## Solar panel hole position

Energy storage(KWH)

**102.4kWh**

Nominal voltage(Vdc)

**512V**

Outdoor All-in-one ESS cabinet



### What is the deal with the near worthless mounting holes on solar panels

They're practically blind holes which are seemingly unnecessarily difficult to use, particularly on smaller solar panels. The most common thing I've seen in use are "z brackets" which ...

### Do Solar Panels Put Holes in Your Roof? What Homeowners Should ...

Homeowners considering solar energy often ask whether either installation will put holes in their roof, as most traditional solar panel mounting systems do require some roof penetration to ...



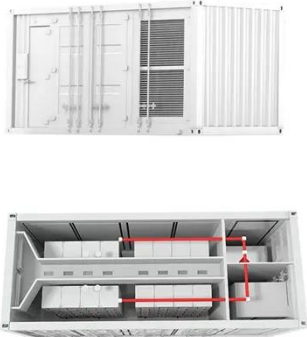
### Do Solar Panels Have Mounting Holes in the Back?

Standard solar panels generally come with pre-drilled mounting holes, but they're located in the aluminum frame rather than the actual back surface of the panel. These strategically placed holes allow ...

### Solar Panel Mounting Explained:

## Cost, Types & DIY Myths in 2025

Yes -- the good news is that most solar panels come with pre-drilled mounting holes in the back. These holes are standardized to fit with clamps and rails, making it safe and simple to secure panels without damaging ...



## Best home solar panel positioning tips for 2026

Knowing how to position DIY solar panels properly ensures maximum sunlight exposure, system efficiency, and long-term value. This comprehensive guide will give you a walkthrough of ...

## Solar Panel Mounting: How To Mount Solar Panels

Solar panel mounting, commonly referred to as solar panel racking, is a crucial aspect of a solar array installation process. Solar mounting is primarily used to secure solar panels to rooftops, ...



## Do Solar Panels Have Mounting Holes in the Back for Easy Installation?

Discover whether solar panels have mounting holes in the back for easy

installation and secure placement. Learn about the typical design features of solar panels and how mounting options vary by model.



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## Do Solar Panels Have Mounting Holes in the Back?

The presence of these holes allows installers to easily position the panels and secure them properly. These mounting holes are typically located in the frame on the back or sides of the ...



## How Far Should Mounting Holes Be From a Solar Panel's Center? The

The secret often lies in that critical measurement between mounting holes and panel centers. Getting this distance right isn't just about avoiding a wobbly installation - it's about maximizing energy production and ...

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