



# Flexible photovoltaic bracket design description





## Overview

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The flexible photovoltaic bracket is a large-span multi-span structure, the structure stretches a prestressed steel wire rope between fixed points at two ends, the fixed points adopt a rigid structure and outer side inclined steel strands to provide supporting counter force, a. The flexible photovoltaic bracket is a large-span multi-span structure, the structure stretches a prestressed steel wire rope between fixed points at two ends, the fixed points adopt a rigid structure and outer side inclined steel strands to provide supporting counter force, a. When designing flexible photovoltaic supports, the requirements of structural stability, weather resistance, lightweight and strength must be comprehensively considered to ensure the long-term reliability of the supports in different climate conditions. In the selection of materials, aluminum. A flexible photovoltaic bracket (1), for fixing and supporting a photovoltaic module (2); the flexible photovoltaic bracket (1) comprises at least two support parts (11) and at least one group of flexible assemblies (12); the flexible assemblies (12) are connected between the at least two support. otovoltaic support structure design is de l consists of six spans,each with a span of 2 m. The spans are connected by struts,with the support cables having a height of 4. The wind-resistant cables are 4 m high and are connected to the lower ends of the struts. Definition: Flexible photovoltaic brackets use prestressed flexible cable structures (such as prestressed steel strands) as the main force-bearing components to form a large-span photovoltaic module support system. This bracket structure not only has a large span and clearance height, but also has. consists of six spans,each with a span of 2 m.



## Flexible photovoltaic bracket design description

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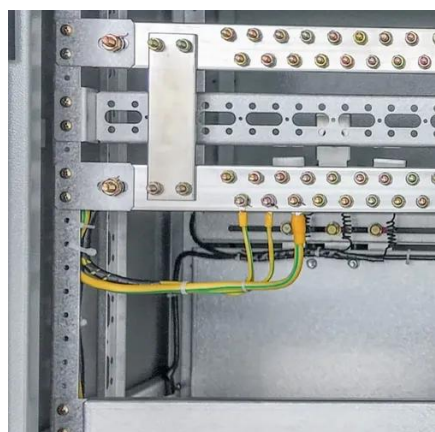


### [Detailed analysis of flexible photovoltaic brackets](#)

Definition: Flexible photovoltaic brackets use prestressed flexible cable structures (such as prestressed steel strands) as the main force-bearing components to form a large-span photovoltaic ...

### [Flexible photovoltaic bracket suitable for complex terrain](#)

The invention relates to the technical field of brackets, in particular to a flexible photovoltaic bracket suitable for complex terrains.



### [Key Points of Flexible Photovoltaic Bracket Structure Design](#)

When designing flexible photovoltaic supports, the requirements of structural stability, weather resistance, lightweight and strength must be comprehensively considered to ensure the long ...

## CN220511040U

The utility model aims to provide a flexible photovoltaic bracket and aims to solve the problem that in the prior art, a photovoltaic plate on a guy cable cannot be subjected to angle



## Flexible photovoltaic bracket design description

This chapter presents descriptions of flexible substrates and thin-film photovoltaic, deepening the two key choices for the flexible photovoltaic in buildings, the thin film, as well as the organic

48V 100Ah



## Classification of mountain photovoltaic flexible brackets

This chapter presents descriptions of flexible substrates and thin-film photovoltaic, deepening the two key choices for the flexible photovoltaic in buildings, the thin film, as well as the organic



## Flexible bracket photovoltaic electrical construction

This chapter presents descriptions of flexible substrates and thin-film photovoltaic, deepening the two key choices for the flexible photovoltaic in buildings, the thin film, as well as the organic one.



## Flexible photovoltaic bracket and



## rigid bracket

Flexible connection design: Use flexible connectors instead of rigid connectors to allow the bracket to have certain deformation and displacement in strong wind environment, reducing



## Design of photovoltaic bracket

The design of the photovoltaic bracket needs to be customized according to the size and shape of the solar panel to meet the installation requirements in different environments.

## WO2016045473A1

As a revolutionary invention in the field of photovoltaic brackets, the flexible photovoltaic bracket can promote rapid development in photovoltaic power generation.





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