

# Photovoltaic bracket small invention



## Overview

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The invention discloses a novel girder-free photovoltaic module mounting bracket, which comprises stand columns, inclined struts and gusset plates, wherein the stand columns are vertically mounted and are used for providing supporting forces in the vertical direction for . The invention discloses a novel girder-free photovoltaic module mounting bracket, which comprises stand columns, inclined struts and gusset plates, wherein the stand columns are vertically mounted and are used for providing supporting forces in the vertical direction for . The company has continued to innovate in the field of photovoltaic brackets and holds more than 30 patents, including several invention patents. Founded in 2013, the company is located in . Small size, space saving : It is convenient to install a single photovoltaic panel, and the installation . The invention discloses a photovoltaic bracket. The bracket comprises a photovoltaic panel supporting frame and a plurality of lower supporting frames, wherein each lower supporting frame has a base, a first upright column, a second upright column and a diagonal brace; each first upright column . Yet here's the kicker: that unassuming photovoltaic bracket small invention you're ignoring could be the secret sauce to 20% more energy generation. I once met an installer who doubled his project ROI simply by tweaking bracket angles. This listing includes patent applications that are pending as well as patents that have already been granted by the United States Patent and Trademark Office (USPTO). These commercial energy systems, or power plants, vary in size but can cover many .

## Photovoltaic bracket small invention

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### PHOTOVOLTAIC BRACKET INSTALLATION INVENTION

The utility model discloses a kind of collapsible photovoltaic brackets, including the affixed supporting rod of one and ground, the supporting rod front end is removable to be connected with the first

### Novel girder-free photovoltaic module mounting bracket

A technology for photovoltaic modules and mounting brackets, which is applied to the support structure of photovoltaic modules, photovoltaic modules, photovoltaic power generation, etc.,



### [A horizontal single-axis tracking bracket with an adjustable tilt angle](#)

The PV tracking system starts to work when the difference between the output of PV modules in the ideal state and the output in the current state is greater than the energy consumption

### Photovoltaic mounting system

For a small minority of roofs (often not built to code) that are designed so that it is capable of bearing only the weight of the roof, installing solar panels demands that the roof structure must be



### [Photovoltaic Bracket Small Invention: Big Impact](#)



### [on Solar Efficiency](#)

Let's face it - most people get starry-eyed about solar panels but yawn at mounting brackets. Yet here's the kicker: that unassuming photovoltaic bracket small invention you're ignoring could be the secret

### [Structural Design and Simulation Analysis of New Photovoltaic](#)

Save construction materials, reduce construction cost, provide a basis for the reasonable design of PV power plant bracket, and also provide a reference for the structural design of fixed



### **Photovoltaic bracket small invention**

An effective method is proposed in this paper for calculating the transient magnetic field and induced voltage in the photovoltaic bracket system under lightning stroke.

### **CN106712674A**

The present invention relates to technical field of photovoltaic power generation, in particular it relates to a kind of photovoltaic bracket that may be disposed at container top.



### **PHOTOVOLTAIC MODULE MOUNTING SYSTEM**

A photovoltaic module mounting system using clamps to attach the modules to a mounting structure, thereby providing a universal mounting structure for use with laminate or framed

## **Nick Sukup Inventions, Patents and Patent Applications**

Abstract: In one or more arrangements a system, method, and bracket assembly for installing photovoltaic panels is presented. The system includes one or more photovoltaic panels and a



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