

**PIENAAR ENERGY (PTY) LTD**

# **Photovoltaic bracket Liu Fengwei**



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### Daqiu Zhuang Photovoltaic Bracket Innovations in Structural Engineering

Liu's team has developed interlocking bracket units that snap together faster than Lego blocks. Their record? 1MW array erected in 38 hours flat - beating conventional methods by 60%.

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### Experimental study and bearing capacity on the photovoltaic support

To investigate the mechanical performance and failure characteristics of photovoltaic support bracket and connections with the cold-formed thin-walled high strength steel, 55 specimens

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### Fengwei LIU , Professor (Associate) , PhD , The institute of Optics and

In this contribute we propose an advanced Pixel-level Lissajous Ellipse Fitting (APLEF) method to extract the phase from single interferogram without carrier. At each pixel, a Lissajous figure is



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## Fengwei Liu , IEEE Xplore Author Details

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## 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

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## 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.

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## Lightweight design research of solar panel bracket

In the established solar panel brackets



system, this article conducts numerical simulation on the brackets and optimizes the design of the main beam part of the brackets based on the analysis results.

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## FLEXIBLE PHOTOVOLTAIC BRACKET WITH IMPROVED MODULE ...

An object of the present disclosure is to provide a flexible photovoltaic bracket, which has beneficial effects of being easy to install, stable and reliable, and avoiding tearing of a photovoltaic module.

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WORKING PRINCIPLE



## Optimization design study on a prototype Simple Solar Panel ...

Abstract: In order to improve the overall performance of solar panel brackets, this article designs a simple solar panel bracket and conducts research on it.

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## Structural Design and Simulation Analysis of New Photovoltaic Bracket

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 ...

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