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Title: Large span cable-type photovoltaic support

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Since 2000, flexible support photovoltaic module structure systems have been widely used because of their advantages such as short construction period, large span, good economic ...

With the rapid development of the photovoltaic industry, flexible photovoltaic supports are increasingly widely used. Parameters such as the deflection, span, and cross-sectional dimensions ...

Flexible photovoltaic brackets are a type of large-span photovoltaic module support structure with tension-based design, where the components are supported by cables and fixed at ...

To improve the span and stiffness and widen the application scene of the flexible photovoltaic support system, a new type of three-dimensional cable-truss flexible photovoltaic support system is proposed ...

By means of the present method, flexible support for modules in a photovoltaic power generation system with an ultra-large span greater than 100 meters can be realized, filling the gap in ...

Flexible photovoltaic (PV) support structure offers benefits such as low construction costs, large span length, high clearance, and high adaptability to complex terrains.

The sketch of the new cable-supported PV system, as shown in Fig. 3, consists of PV modules, load-bearing cables, lateral beams, columns, connectors, and anchor cables.

The purpose is to provide a single-layer tracking type flexible photovoltaic support and system of large-span cable support, can use in the large-span scene, and can realize...

The application belongs to the field of photovoltaic supports, and discloses a large-span flat single-axis tracking type flexible photovoltaic support system, which comprises a...



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