

Suspended cable flexible photovoltaic bracket

In terms of structure, flexible support can be roughly divided into single-layer suspension cable system, prestressed double-layer cable system (load-bearing cable + stability cable), ...

The structure type of flexible support for large-span prestressed suspension cable includes the key parts such as load bearing, component cable, cable truss interstrut, pile, side anchor system, steel beam and cable ...

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...

It is a photovoltaic support system supported by suspension structure. The suspension structure consists of a series of tensioned cables as the main load-bearing components.

A good cable-supported photovoltaic module structure scheme can significantly reduce the construction and maintenance costs of photovoltaic power generation.

Flexible photovoltaic supports break through the limitations of terrain and can be widely used in large-span complex terrain and "PV+" scenarios.

The suspension cable of the flexible support is installed on the top beam of the column. Besides, the photovoltaic modules are fixed on two parallel suspension cables by buckles to form a flexible photovoltaic ...

Compared to traditional brackets, the DAS Solar flexible bracket is loaded primarily by tension cables. Through "suspension, tensioning, bracing, and compression," it provides a structural bracket to the ...

The suspension cable structure with a small rise-span ratio (less than 1/30) is adopted in the flexible photovoltaic support, and it has strong geometric nonlinearity.

Flexible photovoltaic brackets have several advantages, including large span, multiple spans, resistance to wind-induced vibration

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