

What is the laying of DC cables in photovoltaic power generation projects?

The laying of DC cables in photovoltaic power generation projects mainly includes laying through pipes, laying in troughs, laying in cable trenches, laying in tunnels, laying directly buried sand and laying bricks, etc. The laying of AC photovoltaic cables is similar to the laying of general power systems.

How to choose a photovoltaic cable laying method?

To The photovoltaic cable laying method should consider factors such as cable specifications, number, engineering conditions, and laying environment, and should be selected according to the principles of reliable operation, easy maintenance, and reasonable technology and economy.

Where are DC photovoltaic cables used?

DC photovoltaic cables are generally used between photovoltaic modules, between strings and DC combiner boxes, and between combiner boxes and inverters. Cables require a small cross-sectional area and a large number of cables. Generally, the cables are tied along with the component support or buried directly through the pipe.

What are the requirements for laying a photovoltaic cable?

The force of the cable laying should be uniform and not too tight. Generally, the temperature difference between day and night in the photovoltaic site is large, and the cable should be prevented from breaking due to thermal expansion and contraction.

What is the difference between AC and DC photovoltaic cables?

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# Photovoltaic DC line laying simple bracket

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