

Title: Photovoltaic support spiral pile processing

Generated on: 2026-02-27 17:13:58

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As the link between the photovoltaic panels and the support structure, they play a key role in fixing components, dispersing loads, and resisting wind pressure and snow loads.

Piles tested at Site 1 were either single- or double-helix piles (pile types SP1 and SP2) with a shaft diameter of 89 mm, a wall thickness of 6.5 mm, a length of 4.5 m, a helix diameter of 304 ...

The invention further discloses a production process of the spiral ground pile of the photovoltaic support.

Yuhao PV ground piles, relying on core technologies of hot-dip galvanizing and spiral strong support, have become the preferred foundation solution for major PV projects, creating a reliable &quot;root&quot; for ...

The spiral steel pile foundation, also known as a steel ground anchor, is an increasingly widely used foundation form for photovoltaic brackets. It consists of hot-dip galvanized steel pipe ...

This article focuses on the core characteristics of spiral ground piles, detailing their performance indicators, material selection, scenario adaptation solutions, and key construction quality control ...

We have an annual processing capacity of 12000 tons, mainly engaged in deep processing of steel pipes, photovoltaic pre buried piles, production of various types of spiral piles, hot-dip ...

In contrast, photovoltaic spiral piles are directly screwed into the ground by mechanical rotation, without excavation or pouring concrete, which greatly increases the installation speed.

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