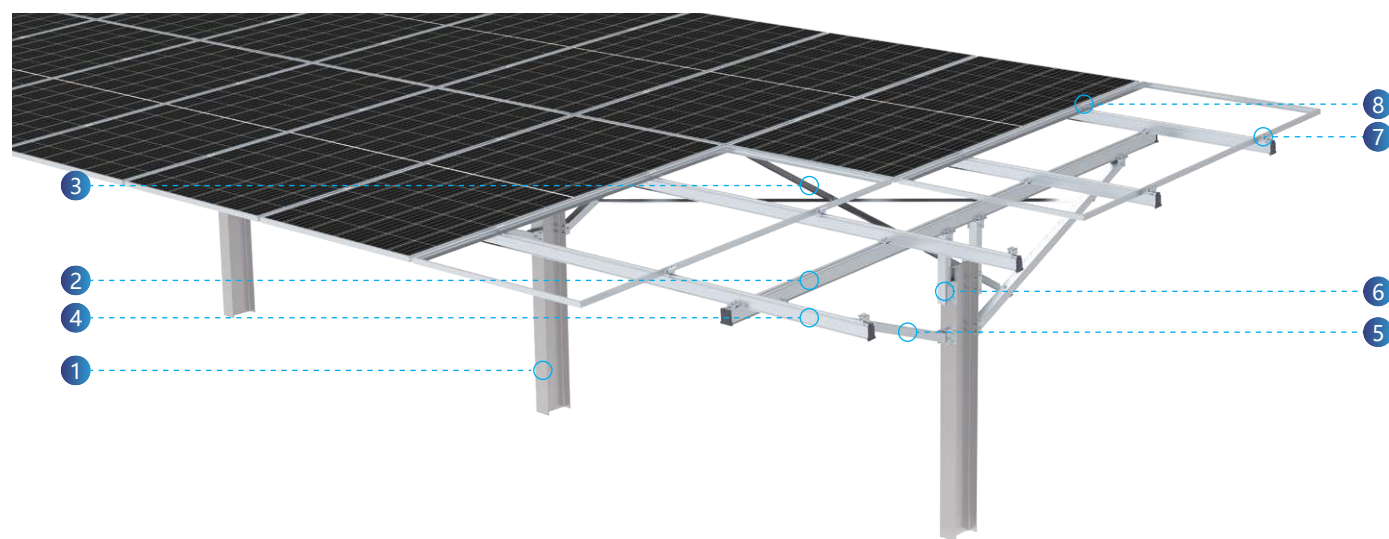


## Single Post: Terra SP



Terra SP is a single-post ground mounting system designed for the rapid installation of large-scale solar PV power plants. It is widely used in flat terrains, slopes, and agricultural areas, offering versatility and efficiency.

### PARAMETER

### ADVANTAGES

Installation Orientation	Landscape /Portrait
Module Types	Framed/Frameless
Wind Load	<46m/s
Snow Load	<1.4KN/m <sup>2</sup>
Installaiton Tilt	0°-30°
Material	AL6005-T6/Q235B
Installaiton Site	Flat area/Outdoor/Slope area/Agricultural area
Warranty	10 Years

- 1. Highly Pre-Assembled for Quick Installation:** The system comes with a high level of pre-assembly, significantly reducing on-site installation time and labor costs.
- 2. Versatile Ground Adaptability:** Designed to accommodate different ground types, ensuring adaptability for diverse project needs.
- 3. Optimized Structural Strength:** Engineered with comprehensive load-bearing analysis, considering all load combinations to ensure durability and reliability under diverse conditions.

## Sloping: Terra FLEX



Terra FLEX is widely used for solar PV power station installations on both slopes and flat terrains. It is especially recommended for projects with three or four rows of landscape-oriented solar panels, ensuring stability and efficiency in installation.

### PARAMETER

### ADVANTAGES

Installation Orientation	Landscape
Module Types	Framed/Frameless
Wind Load	≤42m/s
Snow Load	1.4KN/m <sup>2</sup>
Installaiton Tilt	0°-30°
Ground Clearance	0.6M
Material	AL6005-T6
Installaiton Site	Flat or Slope Area
Warranty	10 Years

- 1. Maximized Ground Utilization:** Solar panels are installed according to the slope degree, making full use of the available ground area for optimal energy generation.
- 2. Cost-Effective Installation:** The system features a fully pre-assembled structure with marked positions for solar panels, reducing installation time and costs.
- 3. Flexible and Innovative Design:** The system's flexible design ensures easier installation and adaptability to various site conditions.
- 4. Eco-Friendly and Sustainable:** All materials used in the system are fully recyclable, contributing to sustainability.
- 5. High-Quality Materials:** Constructed from durable materials including AL6005-T6 aluminum alloy, SUS304 stainless steel, and HDG steel, ensuring superior quality and long-lasting performance.