

Solar Panel Rail Clamps

Xiamen TOP Fence Co., Ltd. is the China professional leading supplier of [Solar Panel Rail Clamps](#). Including mid clamps, end clamps and mainly suitable to various of rails for roof or ground solar mounting system solutions. We will have own forwarder to door to door delivery.

[Solar Panel Rail Clamps](#) are the important components used for solar panel installing on the rail for rooftop and ground solar system. TOP Energy designed [solar panel clamps of rail](#) are highly compatible with various solar panel modules and mounting systems. The clamps contains mid-clamp and end-clamp. We are using high quality aluminum AL6005-T5 and with SUS304 material screws, bolts, solar mounting accessories.

Mid-clamps of PV modules [corrosion resistant solar panel rail clamps](#) installed on the rail to fasten solar panels by panels. It must using the high hardness and corrosion resistance aluminum material.

Our structural design enables it to fit closely in the middle connection of two photovoltaic modules. During solar power plant site installation, the Mid Clamp is mainly used to fix the photovoltaic modules. It is placed at the joint of the frame of the two solar panels and tightly connected to the frame of the panels by bolts or clasps to prevent the solar panels from displacing under external forces such as wind and snow loads.

End-clamps installed on the [Aluminum solar panel rail](#) to fasten solar panels by panels at the end side.

Its main use is to fix the edge of the solar panel array. It is pressing panel modules tightly by pressing the panel frame, meanwhile it is preventing the edge of the photovoltaic module from tilting outward or shifting when subjected to external forces, thus ensuring the integrity of the entire photovoltaic array.

Brand Name	TOP Energy Solar
Model Type	Solar Panel Rail Clamps
Material	Specification
Aluminum	AL6005-T5; AL6005-T6
Steel	SUS304
Surface Treatment	High grade anodization /Hot - dip galvanizing /Sandblasting/ Powder coating /Stainless treatment
Performance	Withstands max. 60m/s wind and 1.4 kN/m ² snow loading

Module Orientation	Landscape or Vertical mounting
Application	Roof/Ground power plant, Residential, commercial, industrial
Service life	Over 25 years

[solar panel rail clamps](#) is the best choice in the current photovoltaic installation scheme for ground or roof solar construction building.

Functions:

Maintaining module spacing and alignment: Our [galvanized solar panel rail clamps](#) ensure a uniform and consistent spacing between photovoltaic modules, which is important for the aesthetics and efficient power generation performance of the entire solar panel array.

Conduction load: The [solar farm rail clamps](#) can effectively conduct the wind, snow, vibration and other loads of the photovoltaic module to the support system.

Product Tags

- [Solar panel clamps of rail](#)
- [Corrosion resistant solar panel rail clamps](#)
- [Stainless steel solar panel rail clamps](#)
- [Aluminum solar panel rail clamps](#)
- [Galvanized solar panel rail clamps](#)
- [Residential solar panel rail clamps](#)
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