

# Solar Panel Racking System

TOP Energy offers [Solar Panel Racking System](#) solutions for ground solar power plants. We design and manufacture of N type solar mounting of this racking system with over dozen years of experience and R&D from China and Japan. N Type is a highly popular and optimized durable and efficient solution to support photovoltaic (PV) solar panels with more cost-effective and easy installation operation.

Product Brand	TOP Energy
Product Material	Aluminum Al6005-T5
Product Function	Ground solar mounting solution
Service Life	≥25 years

( Youtube: <https://www.youtube.com/watch?v=FI-wmtz9URE> )

TOP Energy designed N type of [Solar Panel Racking System](#) for efficient ground solar panel mounting using high-quality aluminum/carbon steel materials and advanced design concepts to ensure easy installation, structural stability and maximize the efficiency of solar energy. The [Solar Panel Installation System](#) is also suitable for a variety of applications such as rooftop, ground and commercial solar power plants.

Manufacturer	TOP Energy
Product name	<a href="#">Solar Panel Racking System</a>
Function	Ground or flat roof solar panel installations
Kits	N Type supporting design, rails, clamps, accessories, etc.
Material of Brackets	High level aluminum Al6005-T5;SUS304 316
Application	Balcony of residential, commercial and industrial buildings
Micro Inverters	As per power capacity and solar panel array design

The Type N [Solar Panel Racking System](#) offers high flexibility and scalability for ground-mounted solutions.

### **Product Features:**

\*The N type [Solar Panel Mounting System](#) structure is stable and suitable for all kinds of terrain.

\*The installation Angle is fixed and suitable for areas with stable sunshine conditions.

### **Installation steps:**

1. Foundation construction: According to the [Solar Panel Racking System](#) design drawings, anchor bolts are embedded in the ground or concrete foundation is poured.
2. Bracket support installation: Fix the support column of [Aluminum Solar Panel Racking](#) on the foundation to ensure perpendicularity and levelness.
3. Rail installation: Install the rails on the support column and adjust the Angle and direction of it.
4. Solar panel installation: Fix the solar panel module on the rail with mid-clamp and end-clamps, mounting accessories, then complete the electrical connection.

### **Installation advantages:**

*Fast installation:* Modular design reduces installation time and labor costs.

*Flexible adaptation:* Suitable for all roof types and floor conditions.

*Safe and reliable:* The strong wind load and snow load capacity, ensures the stability of the system in harsh environments.

*Environmental protection and energy saving:* The [Solar Panel Racking System](#) installation process does not require complex construction, reducing the impact on the environment.

### **Product Tags**

[N-Type Solar Panel Racking System](#)

[Solar Panel Mounting System](#)

[Solar Panel Installation System](#)

[N-Type PV Mounting System](#)

[Solar Panel Support Structure](#)

[Roof Mount Solar Racking System](#)

[Ground Mount Solar Racking System](#)

[Aluminum Solar Panel Racking](#)

[Stainless Steel Solar Mounting](#)

## High-Efficiency Solar Racking System