



# Photovoltaic aluminum bracket packaging specifications

What are mounting brackets & rails for solar panels?

Mounting Brackets are the primary components that attach the solar panels to the mounting surface. They come in various types depending on the mounting surface (roof, ground, pole, etc.). Rails: Rails are long, horizontal structures attached to the solar panels using clamps. They provide a stable base for the solar panels.

Does aluminum alloy need aging heat treatment for solar photovoltaic brackets?

The commonly used aluminum alloy series for solar photovoltaic brackets need to undergo aging heat treatment to achieve the required strength. China Aluminum strictly controls the solution treatment and aging heat treatment process to ensure the required strength of the aluminum alloy brackets.

What materials are used for mounting base brackets?

Mounting base brackets are fabricated from Series 6000 structural marine grade aluminum. 5/16" hardware included. "L" Feet are fabricated from high-strength 3/16" aluminum and include a vertical slot for adjusting to irregular surfaces. 5/16" coated hardware included. "L" Feet are fabricated from high-strength 3/16" aluminum.

What ancillaries can I attach to my PV array?

From service walkways to conduit, wire trays, optimizers, other MLPEs and monitoring equipment, you can use S-5! clamps, brackets and GRIPPERFIX®; universal utility mounting system to securely attach the above ancillaries to your PV array.

What are the advantages of a photovoltaic panel?

Small size, space saving: It is convenient to install a single photovoltaic panel, and the installation space can be adjusted according to the size of the module. High-quality profiles, anti-rust and corrosion-resistant: The product material is made of aluminum alloy 6005-T5, which has good rust and corrosion resistance.

As a key innovator in the building materials industry, Art Sign's zinc-aluminum-magnesium C steel has excellent self-healing capabilities and can greatly extend the service life of photovoltaic brackets. For solar panel ground mounting, ...

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