SIVAL

ALUMINIUM SYSTEMS

SV-5502 Solar Rooftop

SOLAR MOUNTING SYSTEMS · SV-5502

Photovoltaic Panel Mounting System on Rooftops The SV-5502 Solar Rooftop system represents our company's premier solution for the installation of ground-mounted solar farms.



THE SYSTEM

Photovoltaic Panel Mounting System on Rooftops The SV-5502 Solar Rooftop system represents our company's premier solution for the installation of ground-mounted solar farms. It is a robust system, manufactured from high-strength aluminum profiles and fastening components that guarantee maximum structural stability and the longevity of the installation. The system's design fully complies with the most stringent requirements: • Eurocode 1: For snow loads, wind actions, and thermal stresses. • Eurocode 9: For the design of aluminum structures. • EAK 2003: Full compliance with the Greek Antiseismic Code.

APPLICATIONS

- solar farms
- rooftops
- industrial
- car parks

Basic characteristics

- Tilt angles ranging from 10° to 30°.
- Panel orientation capability in both Portrait or Landscape layout.
- Installation on flat roofs using either metal studs (threaded rods) or chemical anchors
- Structurally engineered system in full accordance with Eurocodes.
- Manufactured from 6063-T66 alloy for high structural strength.
- Final height up to 1.3m (depending on the specific panel dimensions).

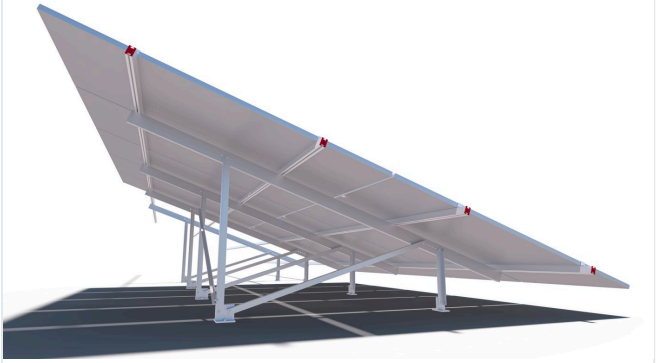
Technical characteristics

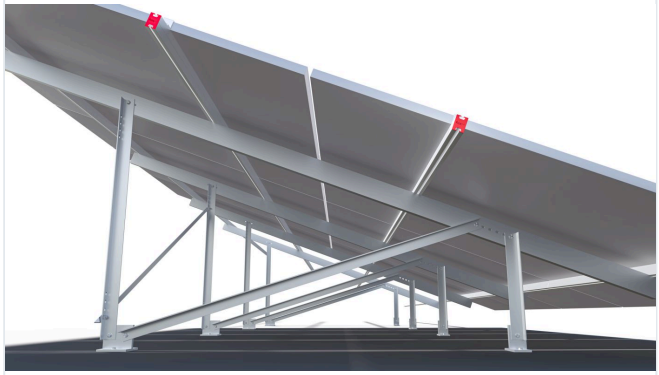
Aluminum Alloy	6063 T66
Hardness	12 Webster
Minimum Coating Thickness	10 µm natural anodizing (where required)

Gallery & technical drawings









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Technical data per manufacturer documentation, October 2026. Performance depends on configuration and glazing.