SIVAL

ALUMINIUM SYSTEMS

SIVAL Solar Carport

SOLAR MOUNTING SYSTEMS · SV-CP

The SIVAL Solar Carport is a support base system for photovoltaic panels in parking spaces.



THE SYSTEM

The SIVAL Solar Carport is a support base system for photovoltaic panels in parking spaces. It is designed to offer multiple advantages in terms of construction, design, and functionality. It provides protection from the sun, rain, and snow without compromising the ease of vehicle entry and exit in the parking space.

APPLICATIONS

- solar farms
- rooftops
- industrial
- car parks

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

Basic characteristics

- Electric car charging option using solar power (Renewable energy)
- Waterproof design
- Structure design for multiple parking lots
- LED lighting feature “Ready to install”
- Easy “In & Out” vehicle parking movement
- Hidden power cable routing
- Strong protection against all weather conditions (sun, rain, heavy snowfall)
- Quick & Easy installation
- Concrete reinforced foundation design
- Panel width 1133/1134
- Panel Orientation 4 landscape
- HDG & Painting of steel

Technical characteristics

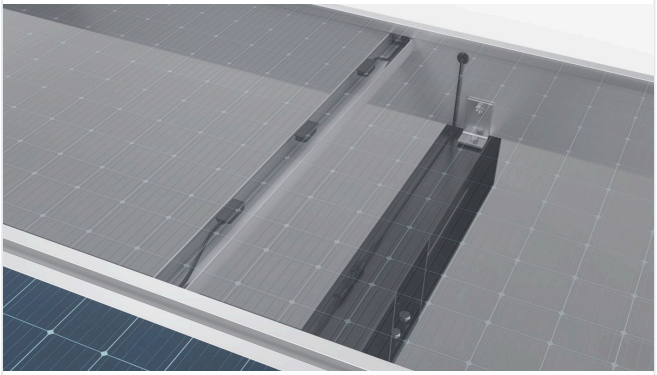
	Series 4900SPR (Single Pitch Regular)
	Series 4900SPH (Single Pitch Heavy)
	Application Outdoor parking spaces
	Minimal design
	5 degrees panel inclination
	Materials
	Aluminium 6063 T66
	Steel S235 & S355
	Screws 8.8, 10.9, inox A2
	Design Loads
	Wind speed 33m/s
	Snow 0,8kN/m2 & 1.7kN/m2
	Seismic 0.24g

Gallery & technical drawings











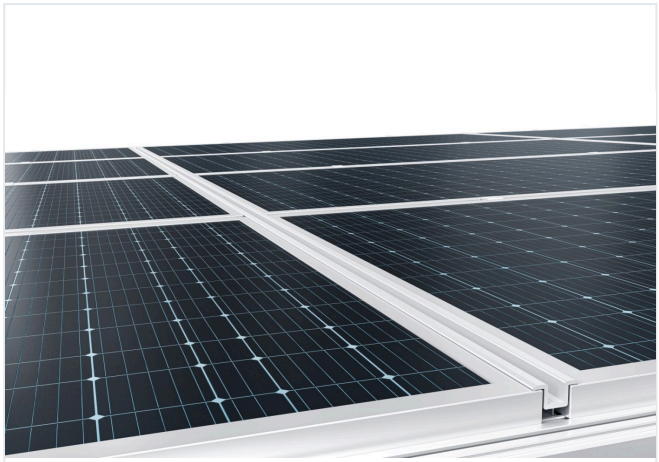


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Gallery & technical drawings (continued)













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