

area of application	solar panels for electricity generation, solar collectors za zagrevanje vode (izmenjivači toplote)
placement	sloping roofs covered with TR sheet metal or thermal panel, flat roofs covered with membrane without drilling, installation on the ground, vertical or sloping facades, canopies
element fitting	click patent, secured by screw
connection type	friction
tightening torque	14Nm
anchoring principle	with a dedicated screw on TR sheet metal or an anchor in concrete, ballasts on a flat roof
solar panel thickness	30mm - 40mm
solar panel dimensions	1200x2300mm
max. solar panel weight	150kg/m ²
max. panel number	without limits
max. string width	12.000mm
max. string height	6.000mm
min. TR sheet metal thickness	0,5mm for steel; 0,6mm for aluminum sheet metal
profile surface treatment	raw, visible elements can be anodized or powder coated according to RAL color chart



SUBSTRUCTURE SYSTEMS FOR SOLAR PANELS

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DESIGNED AND MANUFACTURED BY TEHNOMARKET

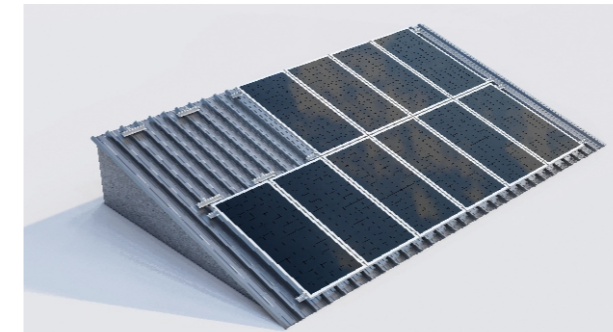


Zadržavamo pravo tehničkih promena i odstupanja od boja. © Tehnomarket d.o.o 09/2022



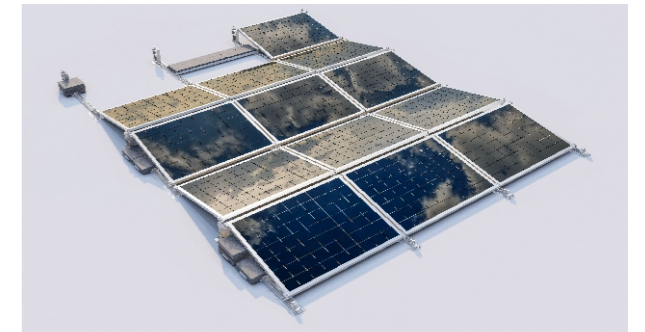
Tehnomarket SOLAR substructure system for solar panels offers a complete, systemic solution for the installation of solar panels that is completely modular and suitable for all capacities from home installations to high powered solar power plants.

The SOLAR system is intended for installation on all types of substrates - flat and sloping roofs, vertical walls and facades, as well as on the ground. Optimal profile dimensions allow the installation of individual panels of large dimensions, with a maximum load of 150kg / m². Panel thicknesses from 30 to 40mm are supported, with no limit on the number of panels or the size of the complete installation. The construction profiles are raw, while the surface treatment of the visible surfaces of the profiles can be powder coated according to the RAL color chart or anodizing.



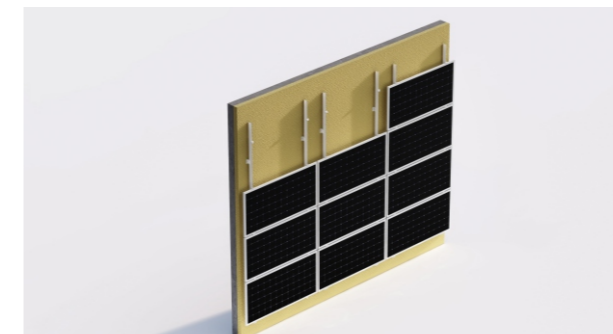
SLOPED ROOF INSTALLATION

The Tehnomarket SOLAR substructure system for solar panels offers easy installation on sloping roofs covered with TR sheet metal with the help of aluminum rails of various dimensions. For the best possible substructure price, aluminum rails use point mounting.



FLAT ROOF INSTALLATION

In order to avoid the possibility of damage to special membranes on flat roofs, the Tehnomarket SOLAR system is installed on them with the help of concrete ballasts and special supports that enable simple, fast and safe installation.



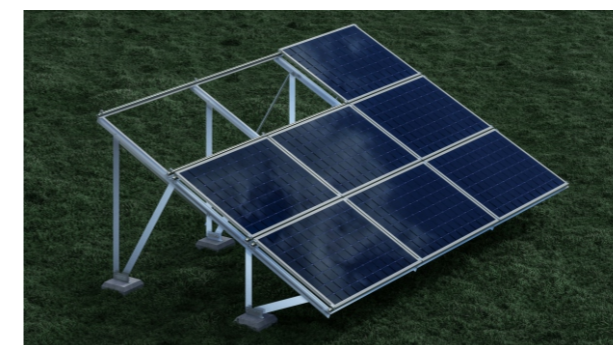
FACADE INSTALLATION

With the help of the Tehnomarket SOLAR system, it is now possible to use wall surfaces to install solar panels. As it is a ventilated facade, there are various possibilities for integration with Tehnomarket VENT systems and different types of facade cladding.



CANOPY INSTALLATION

Canopies can also be used for the installation of solar panels, whereby Tehnomarket SOLAR load-bearing profiles are connected to the existing structure via special supports. This option is ideal for lower power home installations.



GROUND INSTALLATION

The most common option for installing high-power solar power plants is ground installation. The Tehnomarket SOLAR system offers a complete line of profiles and elements intended for the design and installation of solar panels on the ground, regardless of the terrain configuration with the help of modular, adjustable supports.

SOLAR
the energy of the sun

- custom designed system
- complete line of accessories
- installation on all surfaces
- no capacity limit
- competitive price
- quick delivery
- suitable for industrial application

