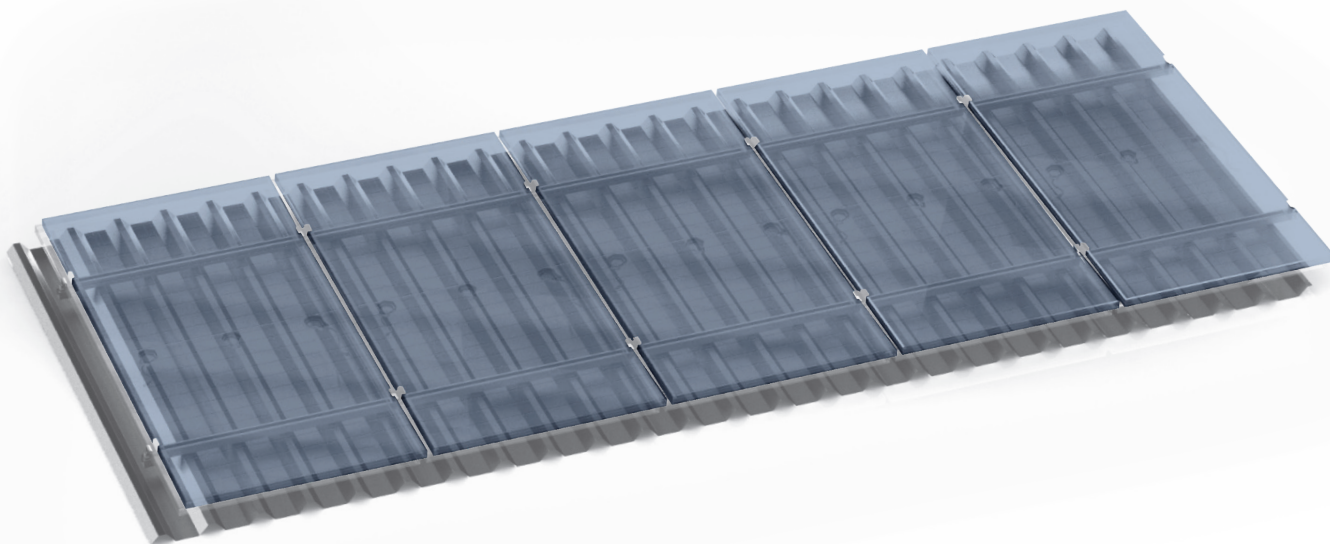


PVMSR-SG-PCF



FLEXIBLE DESIGN

The structure adapts to the unevenness and different roof shapes

ALL-PURPOSE BUDGET SOLUTION

Use of galvanized steel instead of aluminium

10-YEAR WARRANTY

Warranty against through corrosion of metal structures

GENERAL SPECIFICATIONS

- + For roofs with metal sheets
- + Designed for the use of PV modules of framed type
- + The structure adapts to the roof shape
- + Resistance to atmospheric loads (wind, snow)
- + Simple design ensures high installation speed
- + Use of glue for structure mounting to a roof
- + Anti-corrosion coating on casing components applying hot-dip galvanization in accordance with ISO1461:2009

Photovoltaic mounting structure for rooftops with metal sheets, which is fixed by glue, parallel arrangement of PV modules (framed type) with the use of clamps

PVMS-SG-PCF

TECHNICAL DATA

PV MODULES PARAMETERS

| | |
|--------|------------|
| Length | unlimited* |
| Width | unlimited* |
| Height | unlimited* |
| Weight | unlimited* |

STRUCTURE PARAMETERS

| | |
|---------------------------------------|----------|
| Type | rooftop |
| Roof mounting system | glue |
| Arrangement of PV modules | parallel |
| Fastening PV modules to the structure | clamps |

OPERATION CONDITIONS

| | |
|---------------------|--------------|
| Temperature | -40...+45 °C |
| Relative humidity | 5-100 % |
| Allowable wind load | 550 Pa |
| Allowable snow load | 1800 Pa |

INSTALLATION SPECIFICATIONS

| | |
|-----------------|----------------------|
| Mounting method | parallel to the roof |
|-----------------|----------------------|

*Design solutions on the use of this construction should include the calculation of the building's (roof's) load capacity, where PV modules are installed taking into account wind and snow loads for a particular region in accordance with applicable regulations.

COMPLIANCE

| | |
|-------------------------|---|
| DBN A.3.2-2-2009 | Occupational and Industrial Safety in Construction. Main Provisions. |
| DBN V.2.6-198:2014 | Steel Structures. Design Standards. |
| DSTU B V.2.6-200:2014 | Steel Construction Structures. Installation Requirements. |
| NPAOP 0.00-1.15-07 | Rules of Occupational Safety during Work at Heights. |
| DSTU B V.2.6-75:2008 | Designs of Buildings and Structures. Steel Construction Structures. General Technical Requirements. |
| DSTU-N B V.2.6-186:2013 | Guidance for the Protection of Construction Designs of Buildings and Structures from Corrosion. |
| DSTU-N B A.3.1-21:2013 | Guidance for the Implementation Mounting Joints of Steel Building Structures on High-Tensile Bolts |