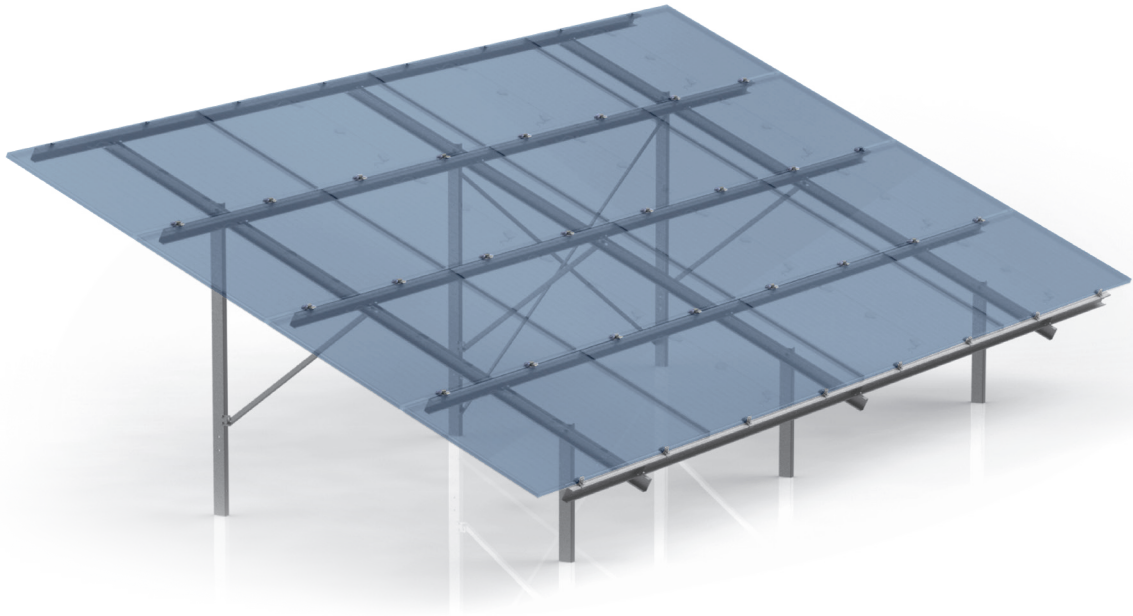


PVMS-4RH-16-2L



FLEXIBLE DESIGN

The structure adapts to the complex terrain

OPTIMIZED METAL CONTENT

The lowest metal content on the market provides the lowest CAPEX

10-YEAR WARRANTY

Warranty against through corrosion of metal structures

GENERAL SPECIFICATIONS

- + Adaptation of the design to the complex terrain with the preservation of a given angle of modules fastening
- + The use of the minimum amount of materials is confirmed by mathematical modeling and operational experience
- + Resistance to atmospheric loads (wind, snow)
- + Pre-assembled design ensures high installation speed
- + Anti-corrosion coating on structure components
- + PV module modeling together with the design allows ensuring reliable operation under the influence of the environment

TECHNICAL DATA

PV MODULES PARAMETERS

Length	2274 mm
Width	1134 mm
Height	30-40 mm
Weight	up to 40 kg

STRUCTURE PARAMETERS

Type	Ground, two-support
Number of rows	4
Arrangement of PV modules	Horizontal
Orientation of PV modules	South
Tilt of PV modules	25°
Base number of panels	16

OPERATION CONDITIONS

Temperature	-40...+45 °C
Relative humidity	5-100 %
Resistance to snow	1600 Pa
Resistance to wind	550 Pa

INSTALLATION SPECIFICATIONS

Installation type	Piling with possible concrete casting
Structure inclination tilt	∠ 25°
Pile driving power energy	830 kJ
Tilt adjustment angle at the installation site	+2/-3°