

Photovoltaic Mounting Structure
Two-legs structure for mounting of PV modules

PVMS-4RH-16-2L



**FLEXIBLE
DESIGN**

The structure adapts to
the complex terrain

**OPTIMAL METAL
CONTENT**

Lower metal content
provides lower CAPEX

**10-YEAR
WARRANTY**

Warranty against
through corrosion of
metal structures

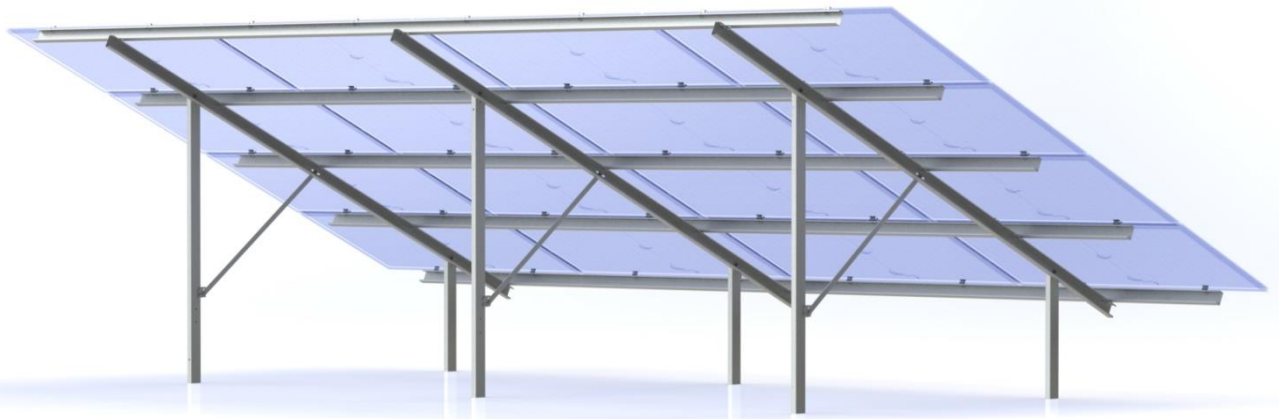


PVMS (Photovoltaic Mounting Structure)

Two-legs structure for mounting of PV modules

GENERAL SPECIFICATIONS

- + Adaptation of the structure to the complex terrain while preserving a given angle of a PV module 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 modeling together with the design allows to ensure reliable operation in harsh weather conditions.



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Two-legs PV mounting structure

TECHNICAL DATA

Basic PV module parameters

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

Structure parameters

Type	2-support
Number of rows	4
Arrangement of PV modules	horizontal
Direction	South
Basic number of PV modules	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	piles driving into the ground with possible concreting
Inclination angle	∠25°
Impact power for pile driving	830 kJ
Adjustment of the tilt angle on the site	+2/-3°

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