PRODUCT DATA SHEET

Supports driven into the ground

Number of supports

1

Configuration of panels: Vertical

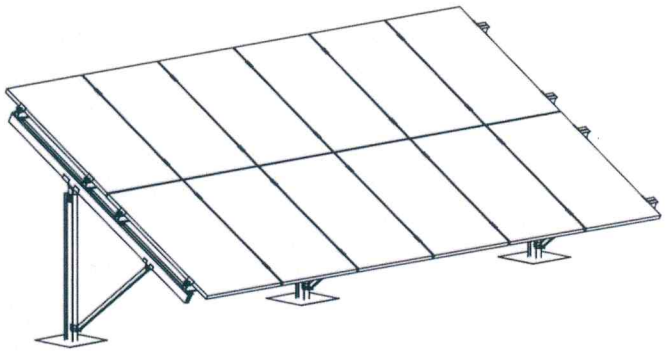
Inclination of the panels

15-36°

Number of panel banks

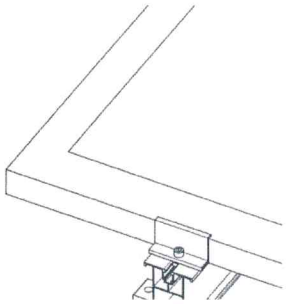
2

Ground Mounting System



Standalone supporting structure designed for installation of photovoltaic panels in vertical configuration is based on single steel supports driven into the ground.

Frame construction made of aluminium profiles enables to install two banks of photovoltaic panels inclined to the ground at an angle of 15÷36°.

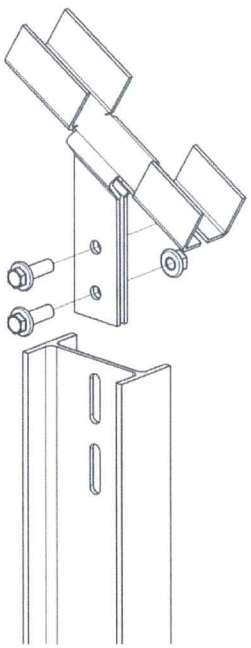


Photovoltaic panels – versatile system

Frame construction made of aluminium profiles enable to install various types of photovoltaic panels (with frame and frame-free) with various dimension, and, thanks to this, the system is versatile.

Supports driven into the ground – solid and reliable system

Supports are made of rigid double-tee bars type of IPE and thanks to this, the risk of damage of the supports during driving them into the ground and striking hard obstruction is minimal. This solution enables reduction both project completion time and costs. Pile driving depth inside the ground is determined depending on ground survey results.



Easy and quick assembly – functional system

Ground based part of the structure is assembled with use of screwed connections and special fixing elements with minimal quantity of required tools. Applied solutions enable easy and fast assembly of single components and access to the components without any problems.

Possibility of adjusting - foreseeing system

System makes possible to adjust the location of installed components, which is useful in the case of ups and downs or absence of repeatability in framing.

Applied materials – maximum durability

Components of the structure base are made of hot-dip galvanized steel, the frame structure on which panels are installed is made of aluminium profiles, and these components are screwed with the stainless steel screws. The structure does not contain any welded joints which minimizes corrosion risk. Additionally, insulation between galvanised steel and aluminium is used.

TECHNICAL DATA

Mounting to the ground	**1 support driven into the ground at intervals of 2,5 m**
Configuration of panels	**Vertical**
Panel dimensions	**Acc. to the project** (no limits)
Angle of panel inclination	**15÷36°**
Number of panel banks	**2 banks**
Table length	**Preferred to 30 m**
Structural strength	**Calculated acc. to project location**
Material specifications	**1÷5 – Hot-dip galvanized steel type of S235** **6÷9 – Aluminium profile made of 6005 alloy** **screws/nuts - A2 stainless steel**