



# PROINSO PV RACK TRIANGLE S PRO



Robust aluminium structures  
designed and made in Europe

## PROINSO

**2.7GW**  
PROJECTS SUPPLIED

**10+ YEARS**  
EXPERIENCE IN SOLAR

**20+ OFFICES**  
ACROSS 5 CONTINENTS

**3 DIVISIONS**  
OF FULLY INTEGRATED  
SOLAR BUSINESS

**2,500**  
QUALIFIED INSTALLERS

PROINSO PV Rack is one of the simplest rooftop structures to assemble on the PV market. It adds exceptional value to both commercial and residential projects by offering versatility and usability. All our products are manufactured in Europe, complying with the EU quality, social and environmental standards.



Our TRIANGLE S PRO is designed to easily fit a multitude of different flat roof applications, due to its variable tilt angle and its several foot options for both ballasted solutions and roof penetration.



### EASY TO INSTALL

The TRIANGLE S PRO was specifically developed to allow an easy project-specific adjustment for various special requirements on flat roofs. The system is inherently flexible and can be adapted to project specific requirements for optimal power production.



### COST EFFICIENT

The TRIANGLE S PRO allows optimisation of components used through project customisation. Our engineers will calculate the required quantity of rails and fixing points based on your project specifications, enabling you to reduce the overall cost of system.



### ROBUST & DURABLE

All PROINSO PV Rack components are made from aluminium and manufactured in Europe according to the EU standards. The high resistance to corrosion guarantees a maximum life span. Additionally, all structure parts can be recycled.



## TECHNICAL SPECIFICATIONS



<b>APPLICATION</b>	Flat roofs
<b>ROOFING</b>	For all roof coverings (also gravel)
<b>ROOF INCLINATION</b>	5°
<b>BUILDING HEIGHT</b>	Depends on wind loads on site
<b>PV-MODULES</b>	Framed, frameless
<b>MODULE WIDTH</b>	900-1050mm
<b>MODULE LENGTH</b>	Up to 1675mm (longer modules on request)
<b>MODULE LAYOUT</b>	In connection
<b>MODULE ORIENTATION</b>	Landscape
<b>PITCH</b>	10° or 15°
<b>SIZE OF MODULE ARRAY</b>	Min. 10m2
<b>POSITION OF THE MODULE ARRAY</b>	No special requirements
<b>STANDARDS</b>	Eurocode 0 – Basis of structural design Eurocode 1 – Action on structures Eurocode 9 – Design of aluminium structures
<b>SUPPORTING PROFILES</b>	Extruded aluminium profiles (EN AW 6063 T6)
<b>RAIL FIXATIONS</b>	Galvanised steel (DX51A+Z275)
<b>SMALL PARTS</b>	Stainless steel (V2A)
<b>COLOUR</b>	Aluminium: plate finish
<b>WARRANTY</b>	10 years

## EACH 1KW BOX CONTAINS THESE ELEMENTS



Back sheet



Back support foot



Ballast profile



Front foot



Ground rails for south



Strut triangles



T head bolt and nut

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