



PROINSO PV RACK TRIANGLE S PRO



Robust aluminium structures
designed and made in Europe

PROINSO

3GW
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



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

EACH 1KW BOX CONTAINS THESE ELEMENTS



PROINSO HQ

943 Yeovil Road
SL1 4NH Slough
UNITED KINGDOM
info@proinso.net
+44 (0) 17 5353 8448

PROINSO SOUTH AFRICA

7th Floor, Mandela Rhodes Place,
Cnr of Wale and Burg Street,
Cape Town, 8000,
South Africa
southafrica@proinso.net
+(27) 021 410 8908

PROINSO AMERICAS

1030 Riverside PKWY Suite 130
West Sacramento
CA 95605, United States
usa@proinso.net
(+1) 916 374 8722

PROINSO EAST ASIA

15th Floor, 100 Queen's Road
Center Central, Hong Kong
china@proinso.net
+852 3960 6363

PROINSO SOUTH ASIA

2-22 Evergreen Industrial
Estate Shakti Mill Lane
Mahalaxmi
400011 Mumbai, India
india@proinso.net
(+91) 022 4004 2286