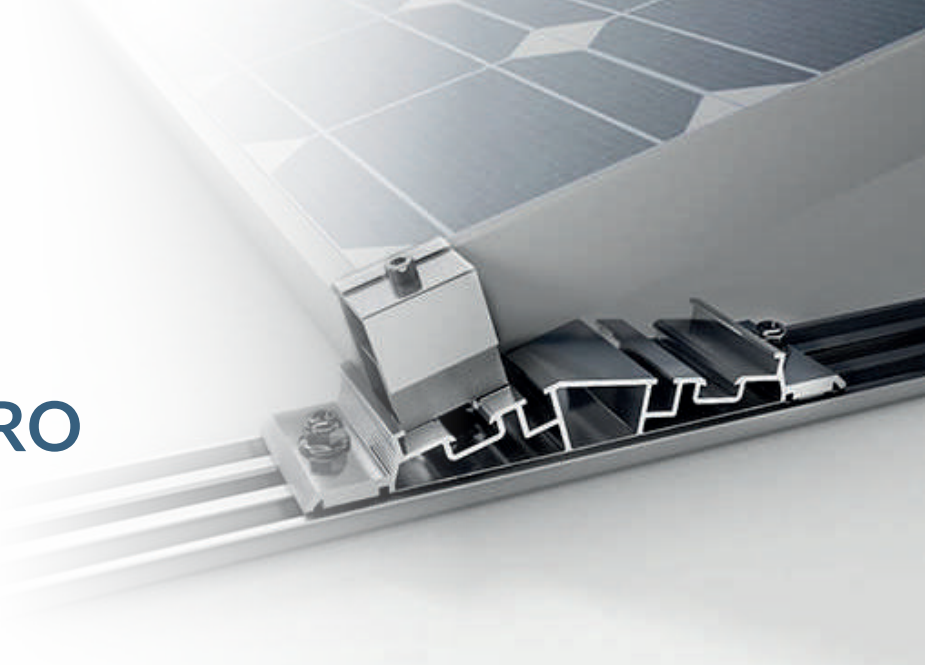




PROINSO PV RACK TRIANGLE E-W PRO



Robust aluminium structures
designed and made in Europe



PROINSO

3GW
PROJECTS SUPPLIED

10+ YEARS
EXPERIENCE IN SOLAR

20+ OFFICES
ACROSS 5 CONTINENTS

3 DIVISIONS
DISTRIBUTION & INTEGRATION,
TECHNOLOGY,
EPM

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. Designed and manufactured in Europe and certified by TÜV, PROINSO PV Rack reduces the risk to the installer.



Our TRIANGLE E-W PRO can be installed in East-West orientation without a penetration of the roof and a minimum use of ballast. The TRIANGLE E-W PRO is available in 10 or 15 degree to allow a layout optimisation either in regards to maximum output or maximum number of modules.



EASY TO INSTALL

Thanks to the flexible design of the TRIANGLE E-W PRO it is possible to use the same components for 10 and 15 degree by simply twisting the foot point at the front and the upper part of the middle leg. The proven technology of the module clamping allows a fast and easy installation.



COST EFFICIENT

The TRIANGLE E-W 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 stainless steel and certified by TÜV Rheinland. 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. 10m ²
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	Side fixing clip: Aluminium (EN AW 6063 T6)
SMALL PARTS	Stainless steel (V2A)
COLOUR	Aluminium: plate finish
WARRANTY	10 years



EACH 1KW BOX CONTAINS THESE ELEMENTS



Ballast profile



Central support



End clamp Assy



Front foot



Ground rails



Mid clamp assy



Strut triangles



T head bolt and nut

PROINSO HQ

943 Yeovil Road
SL1 4NH Slough
UNITED KINGDOM
info@proinso.net
+44 (0)1753 538 448

PROINSO SOUTH AFRICA

7th Floor, Mandela Rhodes Place,
Cnr of Wale and Burg Street,
Cape Town, 8000,
South Africa
southafrica@proinso.net
+27 (0)21 410 8908

PROINSO AMERICAS

1030 Riverside PKWY Suite 130
West Sacramento
CA 95605, United States
promotions@proinso.net
+1 (0)916 374 8722

PROINSO EAST ASIA

15th Floor, 100 Queen's Road
Center Central, Hong Kong
china@proinso.net
+852 (0)39 606 363

PROINSO SOUTH ASIA

2-22 Evergreen Industrial
Estate Shakti Mill Lane
Mahalaxmi
400011 Mumbai, India
india@proinso.net
+91 (0)22 4004 2286