



PROINSO PV RACK MINI 40 PRO



Robust aluminium structures
designed and made in Europe

PROINSO

3GW
PROJECTS SUPPLIED

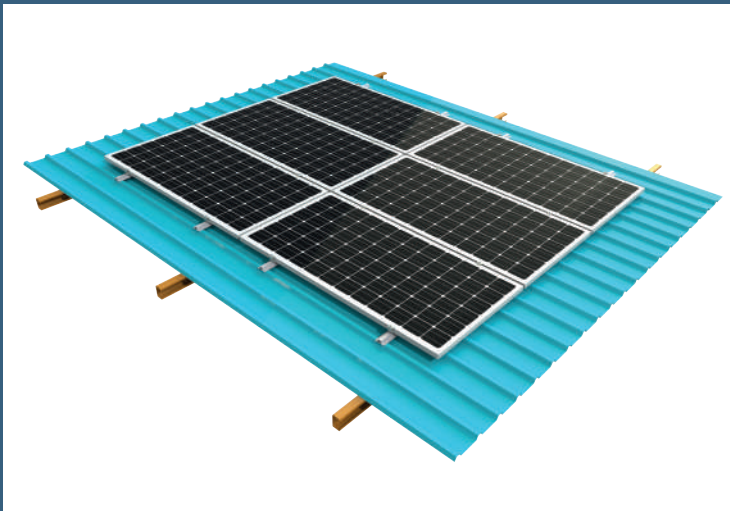
10+ YEARS
EXPERIENCE IN SOLAR

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 Mini 40 PRO is suitable for nearly all commercially available trapezoidal metal roofs and load conditions. The product features outer click technology for the ultimate easiness of installation. It allows optimal connection of the structure to the top chord, making your installation simple and comfortable.



EASY TO INSTALL

The Mini 40 PRO was developed for an easy and quick installation. The simple clip-in principle of the rail fixation as well as the high standards of PROINSO PV Rack with regard to pre-assembly and customised confectioning, guarantee a quick assembly.



COST EFFICIENT

The Mini 40 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

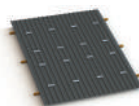
APPLICATION	Pitched roof – on-roof
ROOFING	Trapezoidal sheet metal
MIN. SHEET THICKNESS	Steel: 0.5mm / Aluminium: 0.8mm
MIN. BEAD HEIGHT	From 20mm
ROOF SLOPE	Up to 20°
BUILDING HEIGHT	Up to 20m
PV-MODULES	Framed, unframed
MODULE ORIENTATION	Portrait
SIZE OF MODULE ARRAY	Any size possible
POSSIBLE HEIGHT COMPENSATION	Up to 5mm
DISTANCE BETWEEN RAIL FIXATIONS	Depending on load situation (automatic verification per design software)
STANDARDS	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



Mini rail



Overview portrait



Mid clamp assy

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