

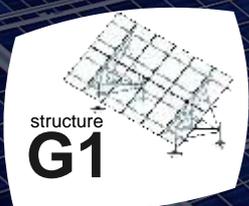


Mounting Systems

for solar panels

10 reasons to choose ExelGroup Mounting Structures

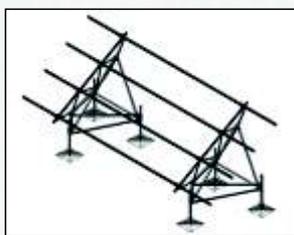
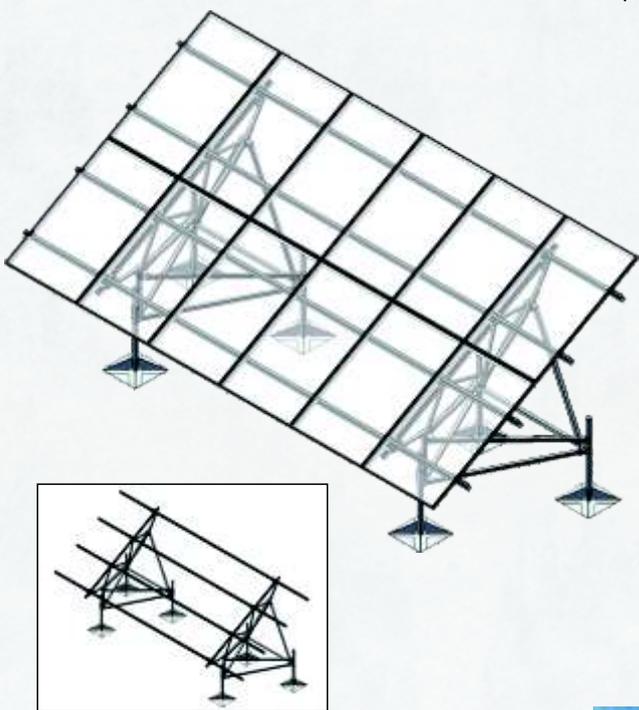
1. Qualitative construction from high-strength, hot-dip galvanized steel (limit 750 N/mm² ASDF) according to the ISO 9001/2008 procedure. Use of full-hard material for high resistance and low weight as well as use of zinc for high anticorrosion protect and low cost
2. Easy installation of the mounting structure (weight of every single piece < 25kg) and easy installation of the photovoltaic modules on the mounting structure (special designed clamps for easy and safe use)
3. Long service life
4. Certified endurance to high wind and snow loads according to the Eurocode
5. Capability of installation in all types of terrains and roofs
6. Competitive price
7. Long life guarantee: 25 years
8. Delivered with all the necessary connection parts and installation manuals
9. Constant support before, during and after the sale
10. Capability of ground anchoring with 3 different ways:
 - ✓ Ground poles
 - ✓ Attachment to armed concrete foundation
 - ✓ Metal base plate with excavation and filling



Mounting System Exel G1

Technical specifications

The innovative design of the Exel G1 mounting structure system for photovoltaic panels offers you series of competitive advantages:



1. Durable triangular frame
Three (3) points of anchoring per frame for both axial and transverse resistance
Adjustable height mechanism for installation on non-shaped, sloped and rocky ground
No armed concrete foundation required
2. Chevrons support bearing
Durable lattice construction for increased resistance to loads
Arch shaped for fast and easy gradient adjustment
Allows direct attachment of all types of photovoltaic panels
3. Three (3) alternative ways of anchoring:
Ground poles
Attachment to armed concrete foundation
Metal base plate with excavation and filling



Tested and certified according to the finite elements method by the Aristotle University of Thessaloniki



Technical specifications

Manufactured from high-strength steel (750 N/mm²)
All materials are hot-dip galvanized according to the ASTM A123 standard

Every part of the steel structure is zinc-plated with at least 55 μm thickness (390 g/m²), a procedure which provides resistance to oxidation of up to 40 years

Certified according to Eurocode 1 by TUV Hellas for:

- o Snow load : 0,80 KN/m²
- o Wind load: 1,20 KN/m² , 39 m/sec

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An ISO 9001/2008 certified production process product, certified by the certification organization TUV Hellas

Patented product with patent number 20080100515

No piece without a high anticorrosion protection

Weight Exel G1 = 0,11kg/W

Compatible for

High Density Terrains, in order to avoid excavation and ground poles

Windy and snowy places

Easy to install system

Stamp Authorized Partner

www.exelgroup.gr

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