



# Mounting Systems

## for solar panels

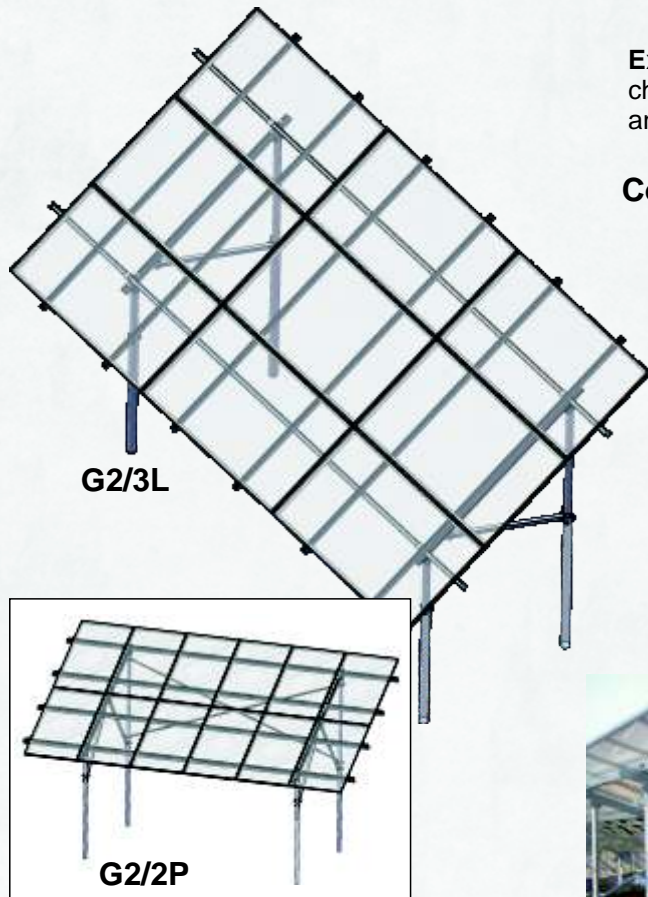
### 10 reasons to choose ExelGroup Mounting Structures

1. Qualitative construction from high-strength, hot-dip galvanized steel (limit 750 N/mm<sup>2</sup> 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 G2

## Technical specifications



**Exel G2** is comprised of at least two autonomous frames on which the chevrons are being attached. Each frame has two (2) anchoring points for an easier installation.

### Comparative advantages:

- Rigidity of the whole structure
- Capability of installation in all kinds of terrains
- Capability of quick and easy gradient adjustment
- Two (2) alternative ways of anchoring:
  - o *Ground poles*
  - o *Attachment to armed concrete foundation*
- Capability to vary the width between frames
- Capability to change the position of the photovoltaic modules
- Capability to customization to the project's requirements
- Bases for the support of the inverters
- Competitive price



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

### Compatible for

- All type of terrains
- Windy and snowy places
- Easy to install system

### Technical specifications

Manufactured from high-strength steel (750 N/mm<sup>2</sup>)

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/m<sup>2</sup>), a procedure which provides resistance to oxidation of up to 40 years

Certified according to Eurocode 1 for:

- o Snow load : 0,80 KN/m<sup>2</sup>
- o Wind load: 1,10 KN/m<sup>2</sup>, 33m/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 20100100252

No piece without a high anticorrosion protection

Weight Exel G2 = 0,073 kg/W

Exel G2 is available in two types :

- G2 / 2P – Placement of the PV panels in 2P (portrait) provision
- G2 / 3L – Placement of the PV panels in 3L (landscape) provision

Stamp Authorized Partner

[www.exelgroup.gr](http://www.exelgroup.gr)

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