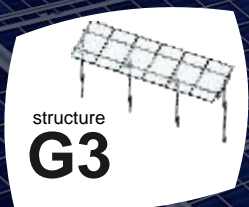




Mounting Systems for solar panels

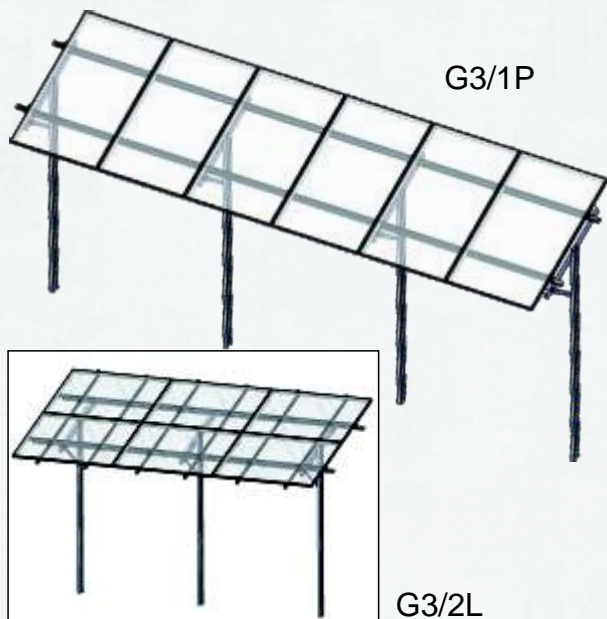
10 reasons to choose ExelGroup Mounting Structures

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 G3

Technical specifications



Exel G3 Mounting System is a single-pole system (at length). It is ideal for regions with strong winds (e.g. islands). It is adaptable in types of ground with high slope.

Comparative advantages

- Capability of installation in all kinds of terrains
- Capability of quick and easy gradient adjustment
- Single point of anchoring
- Three (3) alternative ways of anchoring :
 1. Ground poles
 2. Attachment to armed concrete foundation
 3. Use of Wagon-Drill for the foundation
- Capability to vary the width between frames
- Capability to change the position of the photovoltaic modules
- Adjustable height mechanism for installation on non-shaped, sloped and rocky ground
- Use of a simple pole along the string (a simple point of foundation) for the capability of an easy installation and adaptation in every particular ground conditions
- Competitive price

Exel G3 is available in two types:

- **G3 / 1P** - PV panels' installation in portrait position
- **G3 / 2L** - PV panels' installation in landscape position



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

Compatible for

All type of terrains

Windy places

Easy to install system

Installations with high restriction



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 for:

- o Snow load : 0,50 KN/m²
- o Wind load: 1,30 KN/m², >40 m/sec

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

No piece without a high anticorrosion protection

Weight Exel G3 = 0,08 kg/W

Stamp Authorized Partner

www.exelgroup.gr

v.02.12

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